HONEYWELL

SOFTWARE CLASSIFICATIONS AND DESIGNATIONS

The Series 200 software available now and planned for the future is grouped into two general categories:

Series 200/Programming Systems — Software which performs functions such as language processing, program checkout and maintenance, operation control, I/O control, data editing and transcription, and mathematical processing.

Series 200/Application Systems — Special-purpose software which performs jobs closely related to the functions of the user's organization (e.g., linear programming).

Series 200 Programming Systems are of two types: the Series 200/Basic Programming System, consisting of self-loading, unit-record programs for the 4K to 12K environment, and the Series 200/Operating System. The Series 200/Operating System is divided into four models:

Series 200/Operating System — Mod 1 (Tape Resident) — Applies to tape-oriented systems in the range 12K to 262K;

Series 200/Operating System — Mod 1 (Mass Storage Resident) — Applies to mass-storage oriented systems in the range 8K to 262K;

Series 200/Operating System — Mod 2 — Applies generally to the range 49K to 524K; and

Series 200/Operating System — Mod 8 — Applies to Model 8200 systems (131K and above).

PROGRAM DESIGNATIONS

Program and system names specify the functions of the pieces of software being designated. In general, acronyms are used only as modifiers to system function names (e.g., COBOL Compiler, Easytran Symbolic Translator, etc.).

Programs which exist in several different versions within one or more levels are differentiated by appending to each program name a one-letter suffix which corresponds to the program's source-computer memory requirements. This suffix is based on the following correspondences:

Size of Minimum Source Computer	Suffix
4K	A
8K	B
12K	C
16K	D
20K	E
24K	F
28K	G
32K	H
49K	J
65K	K
131K and above	L

Specifications remain subject to change in order to allow the introduction of design improvements.

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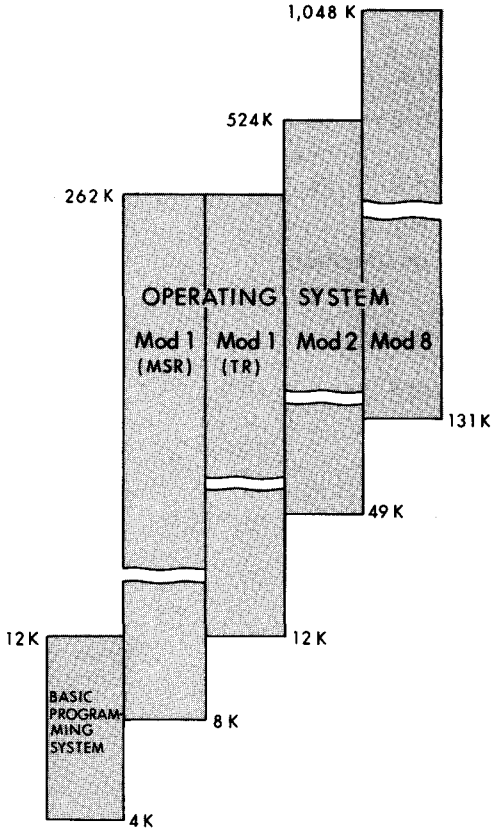
SOFTWARE BULLETIN

SERIES 200



When programs correspond to the same size of source computer but carry different functional attributes (e.g., different peripheral environments), the basic name is augmented by appropriate adjectives and, where necessary to insure uniqueness, by an additional suffix consisting of one or more characters enclosed in parentheses. The following letters and numerals have been defined for use in such additional suffixes:

(I) Uses the Model 120's integrated peripheral controls.
(M) Used in Easytran operations
(N) Uses hardware multiply/divide
(P) Paper tape version
(2) Two-character-address version
(3) Three-character-address version
(4) Four-character-address version
(V) Handles variable-length data units

The following table provides a guide for persons who use Series 200 software. It summarizes the nomenclature related to software already documented and released.

(Continued on reverse side)

Honeywell
ELECTRONIC DATA PROCESSING

SERIES 200/PROGRAMMING AND OPERATING SYSTEMS

BASIC PROGRAMMING SYSTEM

STANDARD NOMENCLATURE	PREVIOUS DESIGNATION
Language Processing	
Easycoder Assembler A	Easycoder 4K
Easycoder Assembler A(P)	Paper Tape Easycoder
Easycoder Assembler B	Easycoder 8K
Library Processor B	Macro
COBOL Compiler B	—
Easytran Symbolic Translator B	Easytran 200
Bridge Object Program Translator B	Bridge
Program Test	
Memory Dump A	Memory Dump
Memory Dump A(2)	Memory Dump 2C
Memory Dump A(3)	Memory Dump 3C
Program Editing and Maintenance	
Condense A	Condense
Update A	Update
Symbolic Update A(P)	PASUP
Update B	—
Input/Output Control	
½″ Tape I/O A	TIPTOP 1
½″ Tape I/O B(M)	TRIO
½″ Tape I/O B	TIPTOP 1A
¾″ Tape I/O B	TIPTOP 2
½″ Tape and Terminal I/O B	TIPTOP 3
Paper Tape Read Routine B	TOPPER
Console I/O B	TYRO 2
Operation Control	
Card Loader A	Card Loader
Tape Loader/Search A	Tape Loader, Search
Card Loader B	Condensed Card Loader
Paper Tape Loader A	Paper Tape Loader
Data Transcription and Editing	
Tape Sort A	Sort 1
Tape Sort A(P)	Sort 1 PT
Collate A	Collate 1
Collate A(P)	Collate 1 PT
½″ Tape Handling Routine A	THOR
¾″ Tape Handling Routine A	THORA
½″ Tape Handling Routine A(P)	THORP
¾″ Tape Handling Routine A(P)	THORAP
Tape Handling Routine B	THOREX
Simultaneous Media Conversion A	SCOPE
Link A	Link
Report Generator A	Report Generator 4K
Report Generator B	Report Generator 8K
Tabulating Simulator A	Tabsim
Tabulating Simulator B	Tabsim 8K
Data Conversion A	—
Mathematical Processing	
Floating-point/Arithmetic/ Comparisons A	FPP
Floating-point Arithmetic Comparisons A(N)	FPPOI
Exponential A	EXP
Natural Logarithm A	LOG
Square Root A	SQRT
Sine A	SINE
Cosine A	COSINE
Arc Tangent A	ATAN
Linear Equation Solution A	LINEQ
Floating-point/Fixed-point Conversion A	FF-CONV
Integer Multiply/Divide A(2V)	MUL-DIV A
Integer Multiply/Divide A(3V)	MUL-DIV B
Integer Multiply/Divide A(3)	MUL-DIV C
Integer Multiply/Divide A(2)	MUL-DIV D

OPERATING SYSTEM — MOD 1

STANDARD NOMENCLATURE	PREVIOUS DESIGNATION
Language Processing	
Easycoder Assembler C	Easycoder 12K
Easycoder Assembler D	—
Analyzer C	PLUS — Analyzer
COBOL Compiler D	COBOL 16K
COBOL Compiler H	COBOL 32K
Fortran Compiler D	Fortran 16K
Fortran Compiler H	—
Library Processor C	Library Preprocessor
Library Processor D	—
Easytran Symbolic Translator C	Extended Easytran
Easytran Symbolic Translator D	Advanced Easytran
Easytran Program Modifier C	EZMOD
Program Test	
Program Test Control	AAATST, AAADUM, AAASOS, and AAAEND
Octal Correction C	PATCH
Memory and Tape Dump C	PLUS — Memory and Tape Dump
Test Data Generator C	AAAGIZ
Program Editing and Maintenance	
Update and Select C	PLUS — Update and Select
Update and Select D	—
SPT Merge C	PLUS — SPT Merge
BRT Punch C	PLUS — Binary Punch, BRT Punch
Drum Program Store C	PLUS — Drum Program Store
Input/Output Control	
Standard I/O Calls C	IOMAC
½″ Tape and Terminal I/O C	TIPTOP 3
Drum I/O C	DIPDOP 3
Console I/O C	TYRO 2
Communications I/O C	—
Operation Control	
Card Loader-Monitor B	PLUS — Card Loader-Monitor
Tape Loader-Monitor C	PLUS — Tape Loader-Monitor
Drum Monitor C	PLUS — Drum Monitor
Drum Bootstrap-Loader C	PLUS — Drum Bootstrap-Loader
List Comments C	List Comments
Floating Tape Loader-Monitor C	—
Interrupt Control D	—
Data Transcription and Editing	
Tape Sort C	Sort 2
Collate C	Collate 2
Tape Sort C(3V)	Sort 2V
Collate C(3V)	Collate 2V
Drum Sort C	Sort 5
Tape Handling Routine C	THORX (AAFTOR)
Simultaneous Media Conversion C	SCOPE
Report Generator C	—
Data Conversion C	—
Mathematical Processing	
Floating-point Arithmetic/ Comparisons C	FPP
Floating-point Arithmetic/ Comparisons C(N)	FPPOI
Exponential C	EXP
Natural Logarithm C	LOG
Square Root C	SQRT
Sine C	SINE
Cosine C	COSINE
Arc Tangent C	ATAN
Linear Equation Solution C	LINEQ
Floating-Point/Fixed-Point Conversion C	FF-CONV
Integer Multiply/Divide C(2V)	MUL-DIVA
Integer Multiply/Divide C(3V)	MUL-DIVB
Integer Multiply/Divide C(3)	MUL-DIVC
Integer Multiply/Divide C(2)	MUL-DIVD
Statistics Package D	—
Differential Equations D	—