BASIC DATA SYSTEM

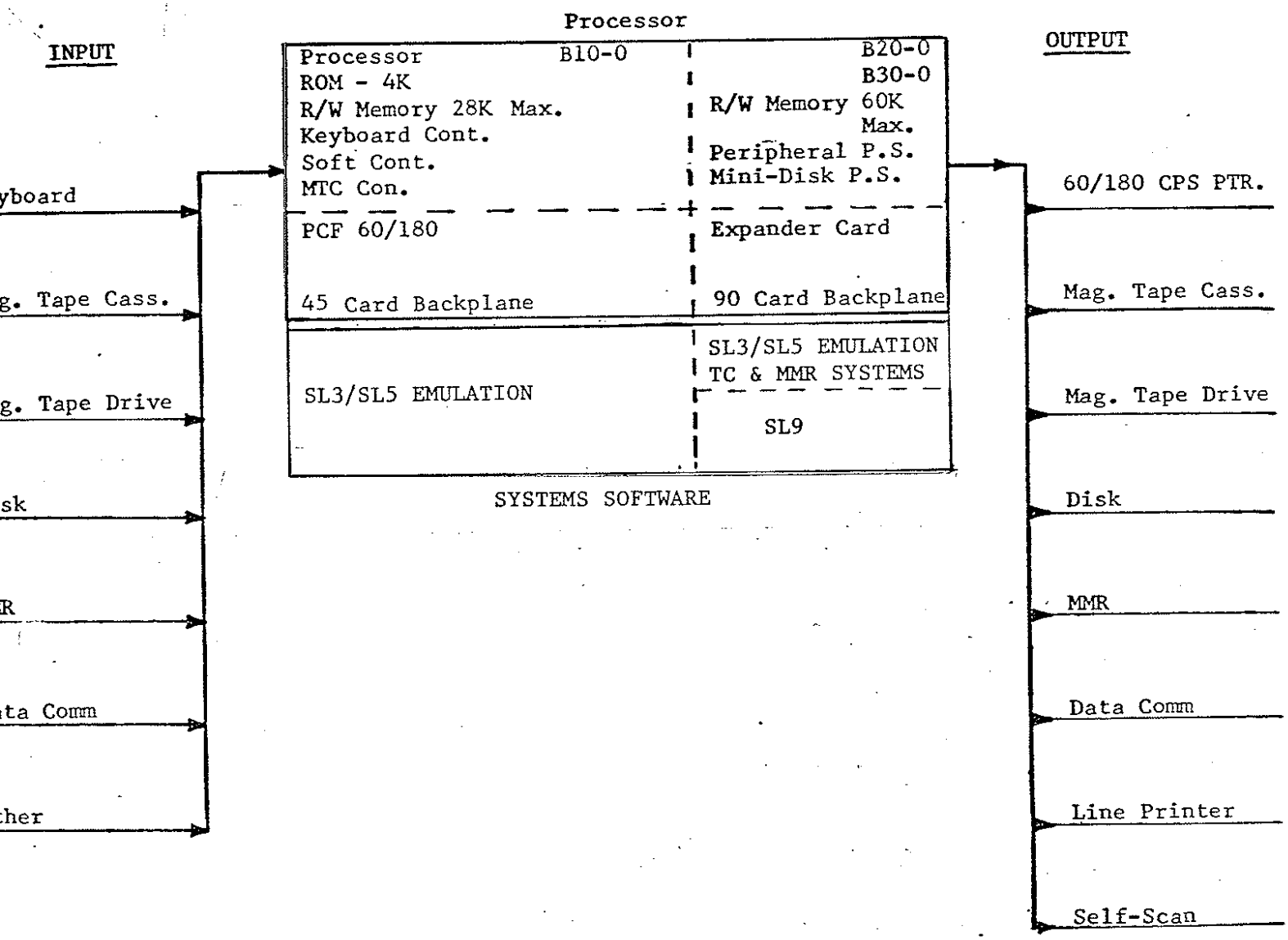
WHAT IS IT.

MAINTENANCE FEATURES.

CORPORATIONS PLANS

ITIO CERTIFICATION AND INITIAL TRAINING PLANS

BDS SYSTEMS


Processor
INPUT
OUTPUT
Processor B10-0
ROM - 4K
R/W Memory 28K Max.
Keyboard Cont.
Soft Cont.
MTC Con.
B20-0
B30-0
R/W Memory 60K Max.
Peripheral P.S.
Mini-Disk P.S.
PCF 60/180
Expander Card
45 Card Backplane
90 Card Backplane
SL3/SL5 EMULATION
SL3/SL5 EMULATION
TC & MMR SYSTEMS
SL9
SYSTEMS SOFTWARE
yboard
g. Tape Cass.
g. Tape Drive
sk
R
ta Comm
ther
60/180 CPS PTR.
Mag. Tape Cass.
Mag. Tape Drive
Disk
MMR
Data Comm
Line Printer
Self-Scan

BASIC DATA SYSTEMS

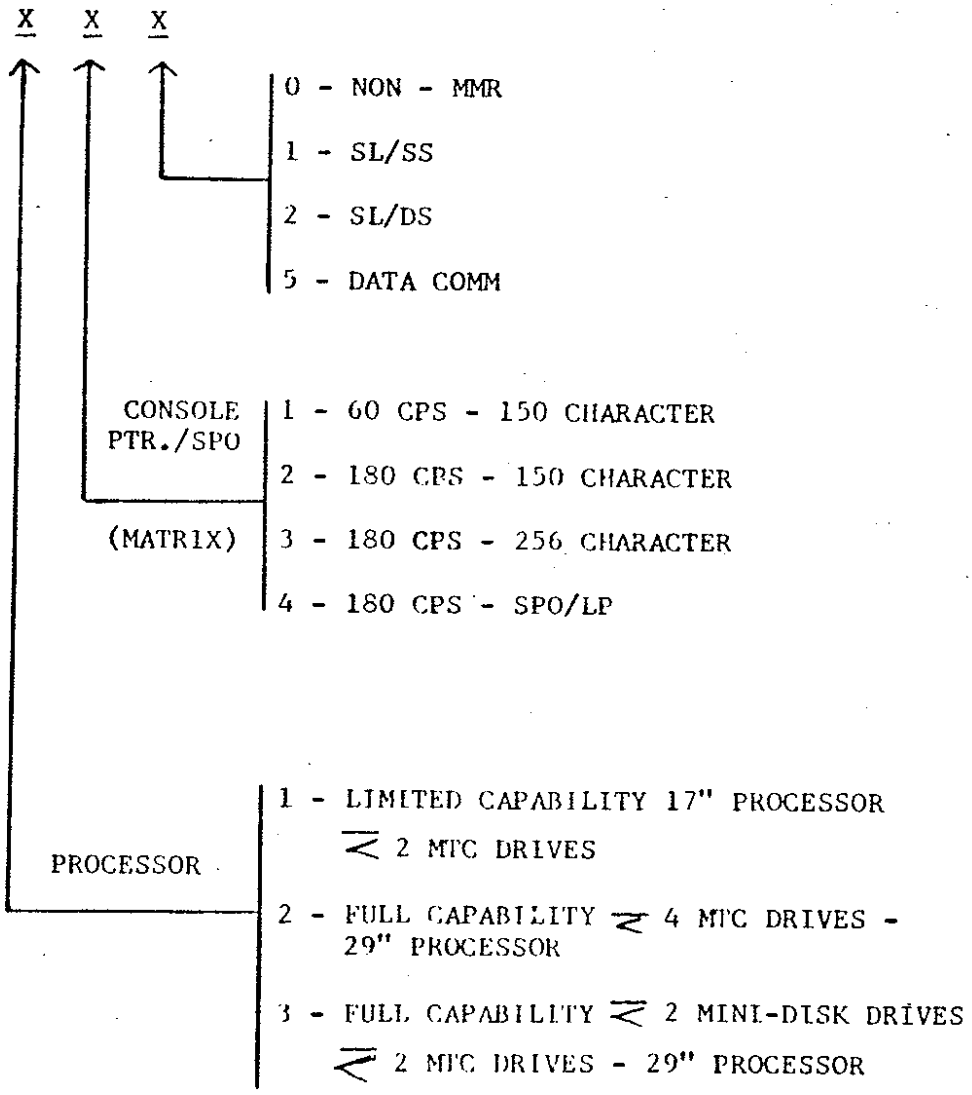
GROUP IV	S1000	— (PROCESSOR CARDS ONLY)
	AE500	
GROUP VI	TC5000	
	DC	
GROUP II	B80	

OTHER PRODUCTS ARE CONSIDERING BDS PROCESSOR (SP500)

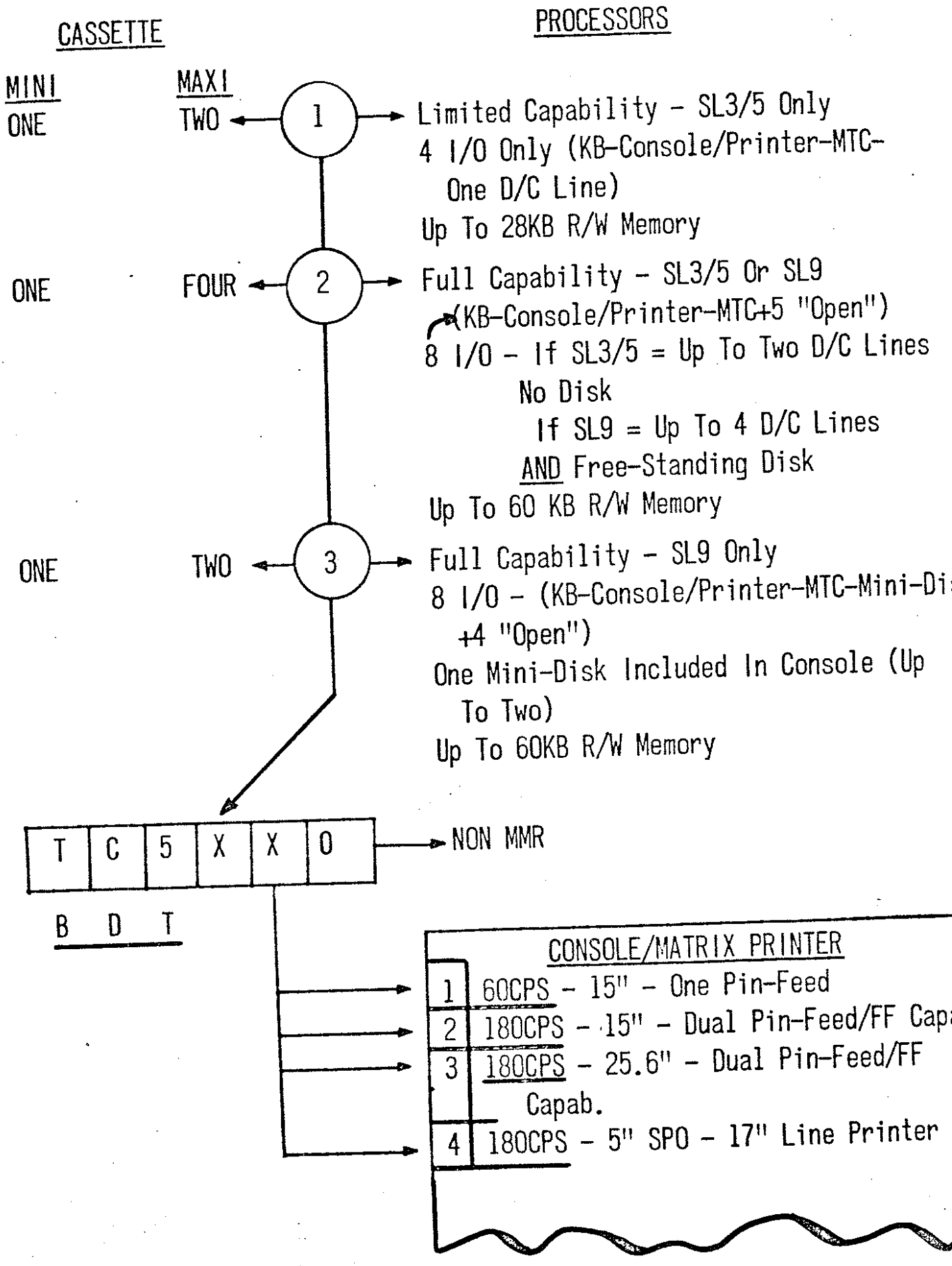
BASIC DATA SYSTEM NUMBERING SCHEME

SL9 SYSTEMS
B80

SL5 SYSTEMS
L80

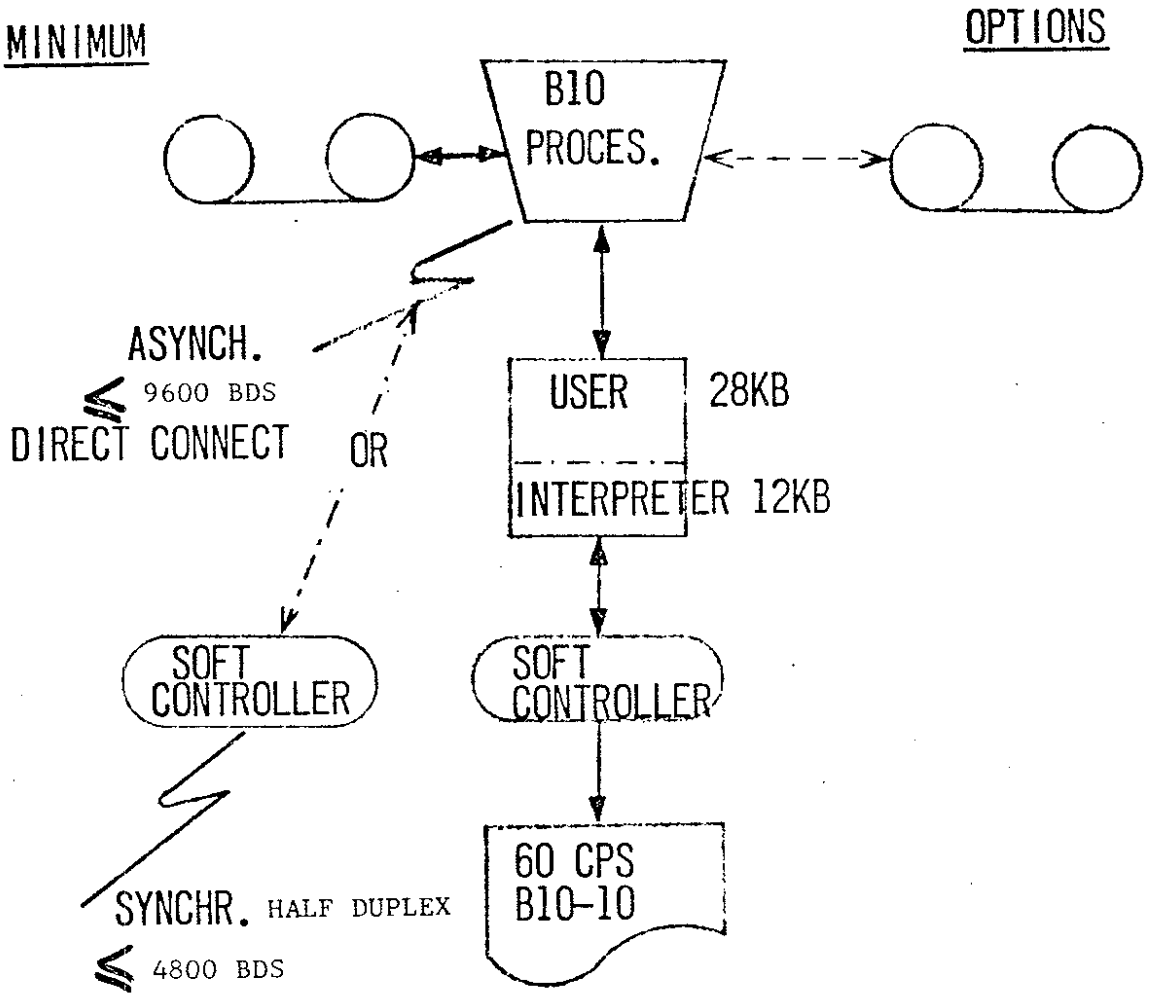


BASIC DATA TERMINAL NUMBERING SCHEME



TC5110 (SL3/5)

-LOW COST TC - REPLACEMENT TC500



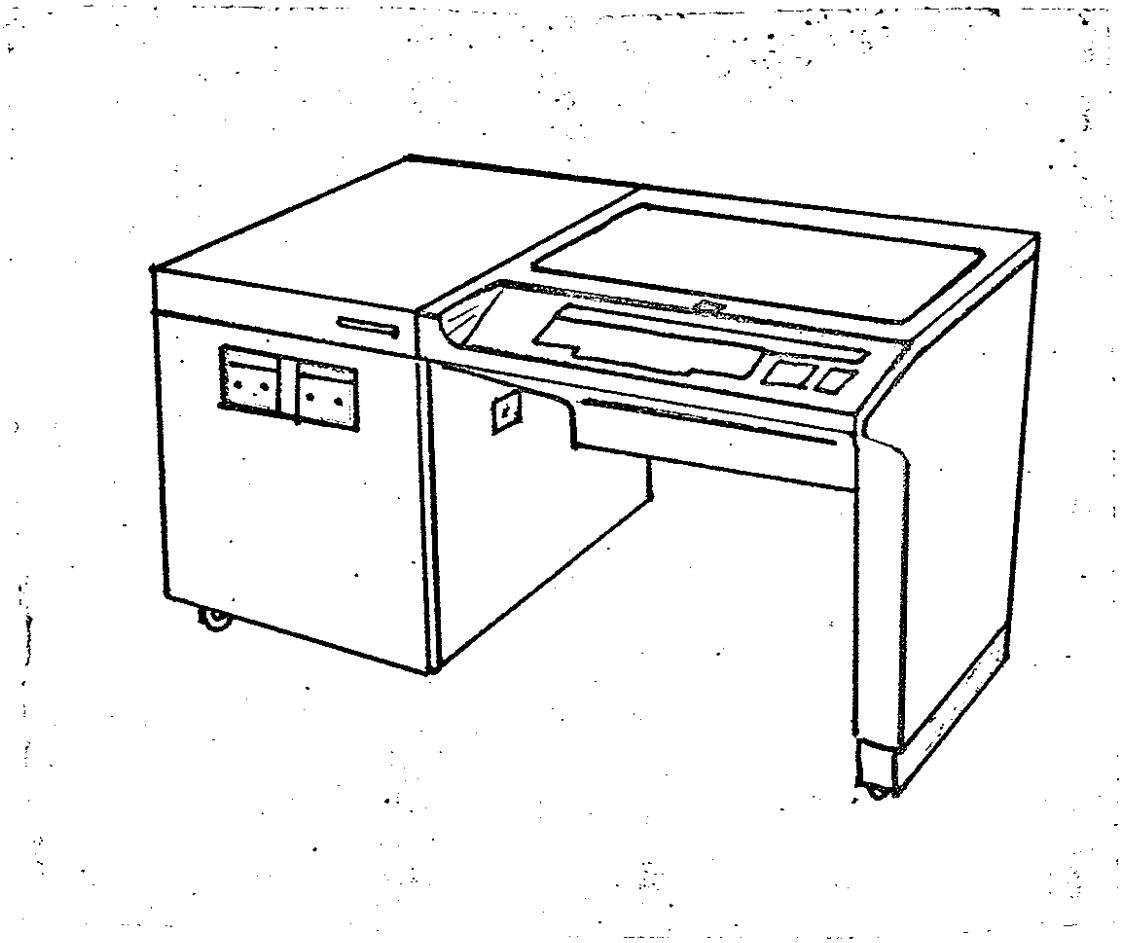
AVERAGE STANDARD COST (ESTIMATE)

- ASYNCHRONOUS
  CUMBERNAULD $ 3145
- SYNCHRONOUS
  CUMBERNAULD $ 3275

74-4.	1975	1976	1977	1978	1979
FCAST	520	1050	1750	2200	2650
PRODUCTION	815	1252	1667	2189	2208

B A S I C D A T A S Y S T E M

P H A S E I



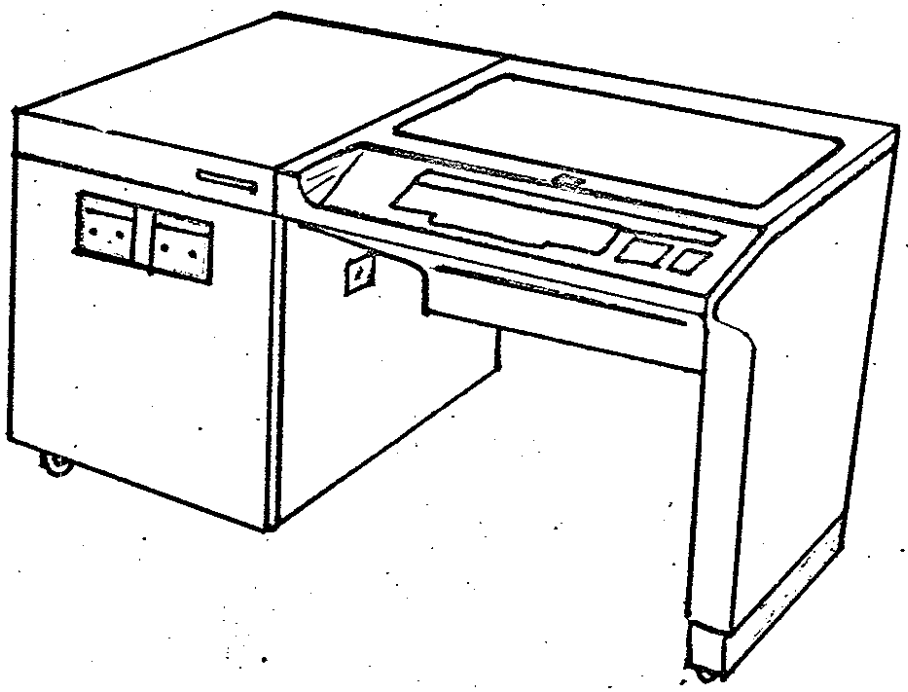
T C 5 0 0 0

A E 5 0 0

S L 3 / S L 5 E M U L A T I O N S Y S T E M S

B A S I C D A T A S Y S T E M

P H A S E I



T C 5 0 0 0

A E 5 0 0

S L 3 / S L 5 E M U L A T I O N S Y S T E M S

BDS PERIPHERALS

B 9360	- SELF-SCAN DISPLAY (SCREEN AND CABLE)
A 9161-1	- MAGNETIC RECORD READER - 352 DIGITS
A 9162-1	- MAGNETIC RECORD READER - 704 DIGITS

LINE PRINTERS

B 9249-1	- 85 LPM CHAIN PRINTER (132 PP) (ODEC)
B 9249-2	- 160 LPM CHAIN PRINTER (132 PP) (ODEC)
B 9249-3	- 250 LPM CHAIN PRINTER (132 PP)(ODEC)
B 9248-2	- 100 LPM MATRIX PRINTER (160 PP) (BDS)
B 9248-3	- 200 LPM MATRIX PRINTER (160 PP) (BDS)

DISK FILES

	TRF. RATE	AVG. ACCESS TIME
B 9480-12	194	- DUAL CARTRIDGE 4.6 MB, 100 TPI, 2200 BPI, 80 MS
B 9481-12	194	- DUAL CARTRIDGE 9.2 MB, 200 TPI, 2200 BPI, 80 MS
B 9482-35	390	- DUAL CARTRIDGE 18.4 MB, 200 TPI, 4400 BPI, 80 MS
B 9481-32	310	- DUAL CARTRIDGE 9.2 MB, 200 TPI, 2200 BPI, 42.5 MS
B 9489-1	45	- MASTER DRIVE 1.0 MB FLEXIBLE DISK, 64 TPI, 4774 BPI, 225 MS
B 9489-2	45	- SLAVE DRIVE 1.0 MB FLEXIBLE DISK, 64 TPI, 4774 BPI, 225 MS
B 9480-22	194	- DUAL LOW COST CARTRIDGE, 4.6 MS, 100 TPI, 2200 BPI, 145 MS
B9489-11	45	- MASTER STAND-ALONE 1.0 MB FLEX. DISK, 64 TPI, 4774 BPI, 225 MS
B9489-15		- FREE-STANDING DRIVE 243 KB FLEX. DISK, 48 TPI, 3200 BPI, 343 MS

MAGNETIC TAPE DEVICES

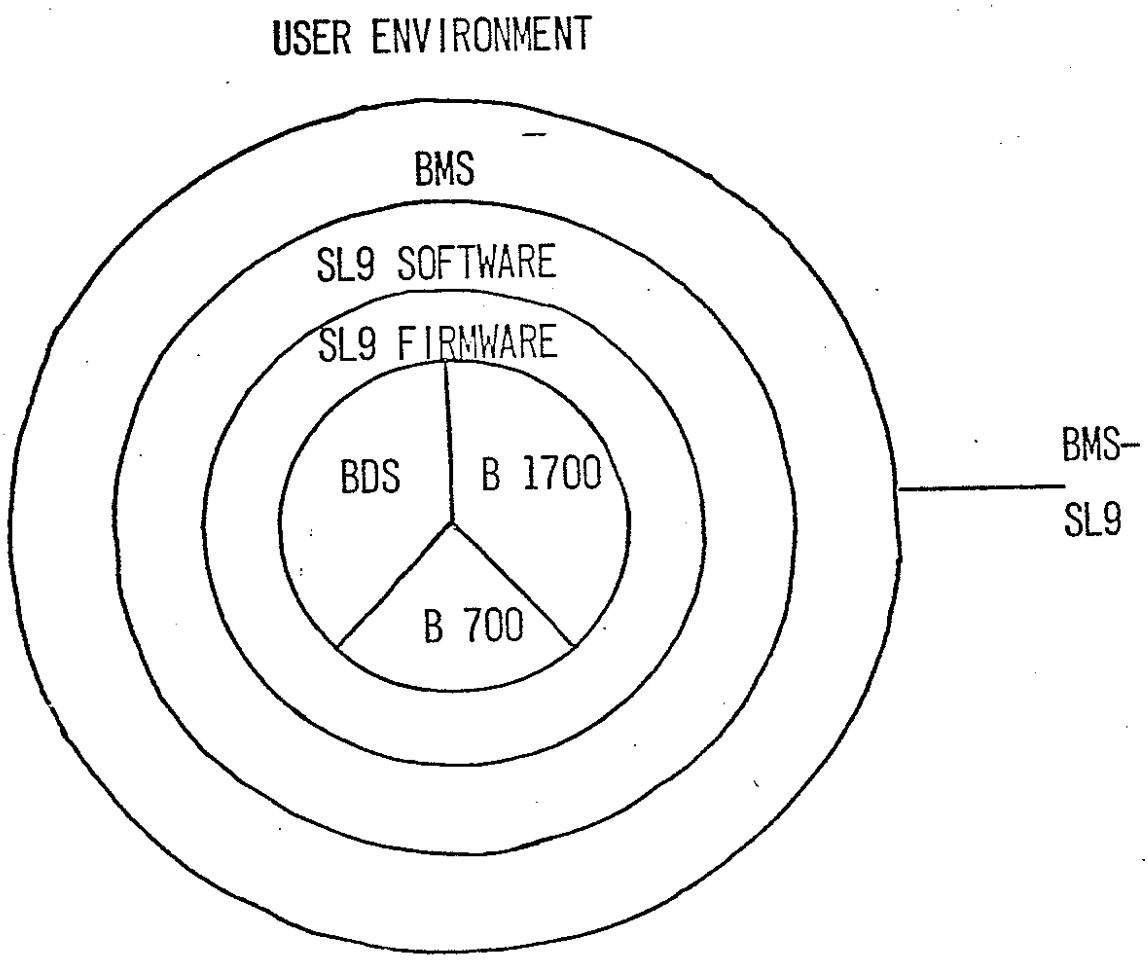
B 9490-21 - MAGNETIC TAPE CASSETTE DRIVE
10 ips - NRZ - DUAL GAP - INTERNAL MOUNTING - WESTLAKE

B 9490-40 - AUTOMATIC M. T. CASSETTE LOADER

B 9490-51 - MAGNETIC TAPE CASSETTE DRIVE - ECMA COMPATIBLE -
PE/NRZ - 10 ips - DUAL GAP - INTERNAL MOUNTING
(4th QTR. 1974) - GLENROTHES

B 9491-2 - OEM MAGNETIC TAPE DRIVE 12.5 ips (PEC) 10 KB, NRZ,
DUAL GAP

A SMALL, PORTABLE BUSINESS SYSTEM



SL9 FIRMWARE = OPERATING SYSTEM + INTERPRETERS
SL9 SOFTWARE = COMPILERS + UTILITIES

DESIGNED FOR COBOL/RPG BUSINESS DATA PROCESSING
LIMITED DATA COMM CAPABILITY
OPERATOR ATTENDED, CONSOLE ORIENTED

CUMBERNAULD - SL9 SOFTWARE RELEASE TO I.T.I.O. - BDS

	1975	1976
COBOL COMPILER - B1700	APRIL	
- BDS	JUNE	
RPG COMPILER - B1700	APRIL	
- BDS	JUNE	
COBOL S INTERPRETER	JUNE	
BIL S INTERPRETER	JUNE	
OPERATING SYSTEM	JUNE	
UTILITIES	JUNE	
SORT/MERGE	JUNE	
MCS COMPILER	DEC.*	
MCS S INTERPRETER	DEC.	
NDL S INTERPRETER		JANUARY
DATA COMM ADDITIONS TO COBOL	DEC.	
OS INTERFACE & MESSAGE SYSTEM	DEC.	
NDL COMPILER	DEC.*	

*FROM DOWNINGTOWN - RELEASE TO TIO-EAST

SL9 SUPPORT

CURRENT PLANT RESPONSIBILITIES

- CUMBERNAULD
  - FIRMWARE SET (OPERATING SYSTEM & INTERPRETERS)
  - COBOL COMPILER
  - RPG COMPILER
- DOWNINGTOWN
  - FIRMWARE SET
  - BIL COMPILER
  - NDL COMPILER
- LIEGE
  - FIRMWARE SET

ITIO CUMBERNAULD

- ACCEPTS FIRMWARE & COBOL & RPG COMPILERS
- VERIFIES DESIGN LEVEL OF BIL & NDL COMPILERS BY COMPARING OBJECT FILES FROM CUMBERNAULD TO OBJECT FILES FROM DOWNINGTOWN
- RELEASES FIRMWARE & SOFTWARE TO MARKETING

SUPPORT PLAN

- PROBLEM ENCOUNTERED ON BDS IS REPORTED TO ITIO CUMBERNAULD
- ITIO ISOLATES PROBLEM TO SPECIFIC HARDWARE-FIRMWARE-SOFTWARE MODULE (WITH PLANT HELP IF NECESSARY)
- IF PROBLEM IS IN BIL OR NDL COMPILER, IT IS REPORTED TO TIO DOWNINGTOWN. OTHERWISE, IT IS REPORTED TO CUMBERNAULD ENGINEERING
- FIX FOR THE PROBLEM WILL APPEAR IN SUBSEQUENT SOFTWARE RELEASE FROM DOWNINGTOWN OR CUMBERNAULD

SUMMARY OF MAINTENANCE FEATURES

BASIC MTR CONFIDENCE/DIAGNOSTIC ROUTINE RESIDENT IN ROM FIRMWARE.

ALL REMAINING ROUTINES LOADED VIA CASSETTE LOADER.

ROUTINES MAY BE RUN AUTOMATIC AS A FULL SYSTEM HARDWARE CONFIDENCE TEST OR MANUALLY "AS SELECTED".

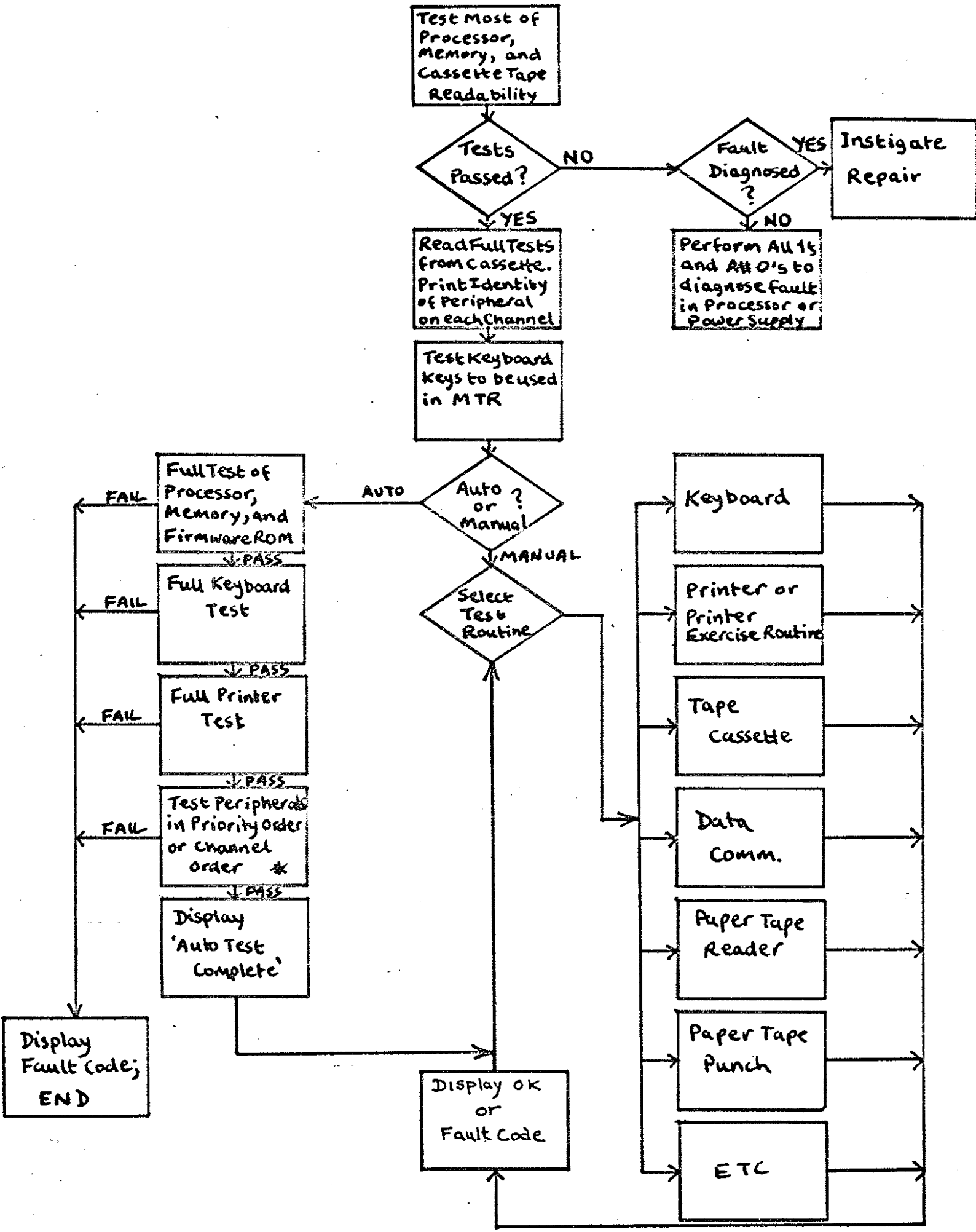
SPECIFIC ROUTINES MAY BE RUN IN A CONTINUOUS LOOP TO DETECT INTERMITTENTS.

CONFIDENCE TESTS MAY BE RUN BY OPERATOR OR SALES AND SYSTEMS SUPPORT REPS.

MEANTIME TO DIAGNOSE HARD FAILURES - 10 MINS APPROX.

MEANTIME TO REPAIR TO COMPONENT - LESS THAN ONE HOUR.

MANUAL PROCEDURES REQUIRE "WIER" DTM1000 (P/N) AVAILABLE FROM IGDC CUMBERNAULD OR EQUIVALENT.


Test Most of Processor, Memory, and Cassette Tape Readability
Tests Passed?
NO
Fault Diagnosed ?
YES
Instigate Repair
YES
NO
Read Full Tests from Cassette. Print Identity of Peripheral on each Channel
Perform All 1's and All 0's to diagnose fault in Processor or Power Supply
Test Keyboard Keys to be used in MTR
Auto or Manual ?
AUTO
MANUAL
Full Test of Processor, Memory, and Firmware ROM
FAIL
PASS
Full Keyboard Test
FAIL
PASS
Full Printer Test
FAIL
PASS
Test Peripherals in Priority Order or Channel Order *
FAIL
PASS
Display 'Auto Test Complete'
Select Test Routine
Keyboard
Printer or Printer Exercise Routine
Tape Cassette
Data Comm.
Paper Tape Reader
Paper Tape Punch
ETC
Display Fault Code; END
Display OK or Fault Code

BDS RELEASE COMMITTEE

FEDERAL AND SPECIAL SYSTEMS GROUP:

S. FOURCADE	-	MARKETING

SMALL SYSTEMS GROUP:

	-	HARDWARE
	-	SOFTWARE

BUSINESS MACHINES GROUP:

J. G. OWENSBY	-	FIELD ENGINEERING
R. J. MANZI	-	GROUP VI MARKETING
J. L. PETERSEN	-	GROUP II MARKETING
R. HESS	-	SYSTEMS SUPPORT
C. R. MONTGOMERY	-	SYSTEMS STANDARDS AND CONVERSIONS
	-	SALES TRAINING

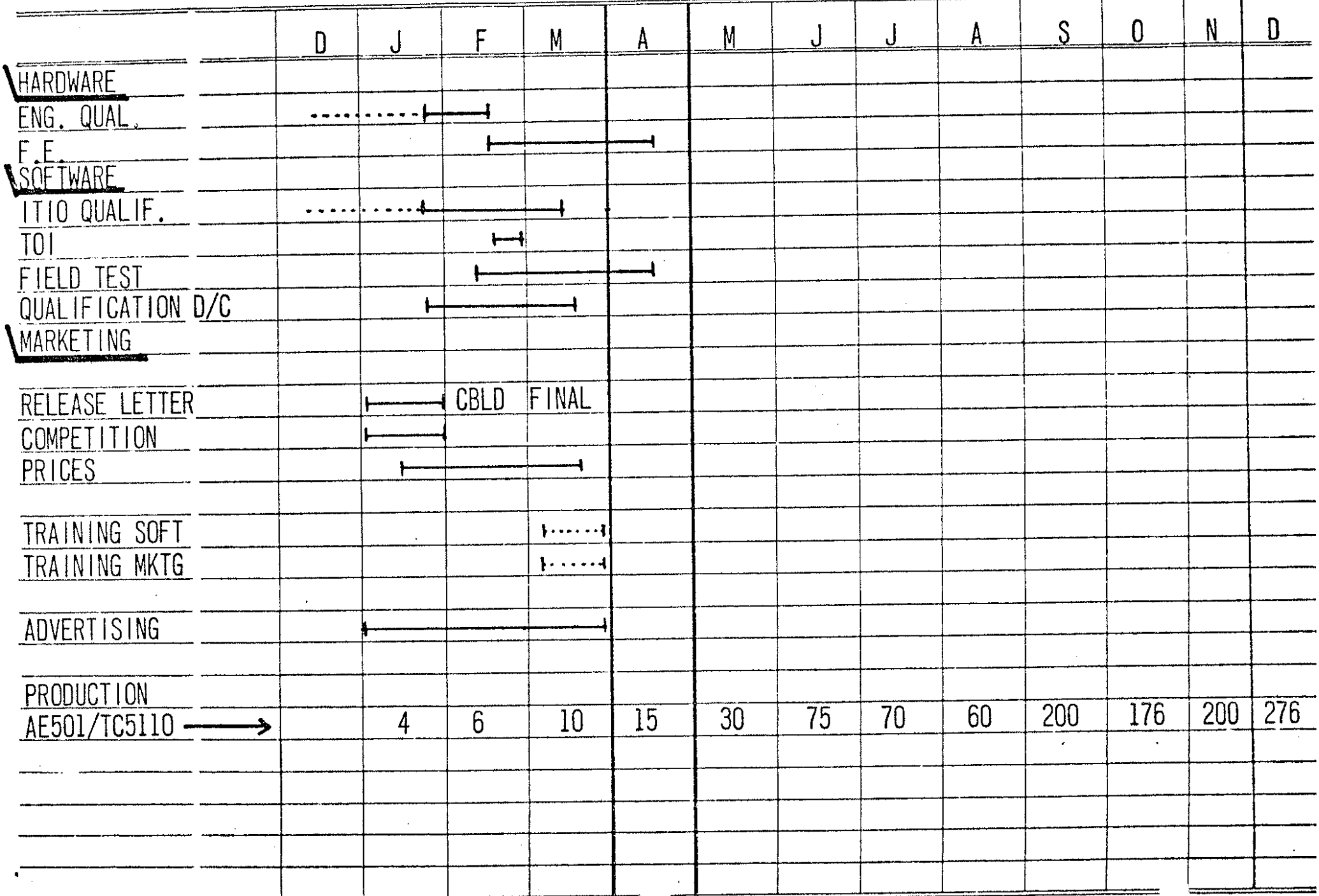
INTERNATIONAL GROUP:

Y. LE BOURLOT	-	SYSTEMS SUPPORT
J. J. HAWKINS	-	GROUP II MARKETING
C. VAN DOOIJEWEERT	-	GROUP VI MARKETING
P. GLASGOW	-	SALES TRAINING
W. MARSHALL	-	BUSINESS MANAGEMENT AND SCIENTIFIC SYSTEMS
R. K. SAYED	-	TECHNICAL INFORMATION ORGANIZATION
L. C. JESSUP	-	FIELD ENGINEERING

CORPORATE:

J. R. COX
S. C. SCHMIDT
P. R. BERTRAND
J. KANE
T. H. YEAGER

RELEASE PLAN - TC5110



75-1

SL9 SOFTWARE FOR BDS

ENG TO ITIO

ITIO

1976

DESCRIPTION	APR	MAY	JUNE	JULY	AUG.	SEPT.	OCT	NOV	DEC	JAN	FEB	MARCH
COBOL COMP - B1700												
RPG COMP - B1700												
COBOL COMP. BDS												
RPG COMP. BDS												
S-INTERPRETER												
SORT - MERGE												
OPERATING SYSTEMS												
UTILITIES											TC5340	
BIL S- INTERPRETER						TC5210	B80-210	B80-340		TC5310	TC5220	
HARDWARE												
MCS-S INTERPRETER												
MCS COMPILER												
NDL S - INTERPRETER												
NDL COMPILER (D'TOWN)												
OS - D/C MESSAGE SYSTEM												

Form A-3834 (Rev 9)

BDS PRODUCTION SCHEDULE

	1975		1976		F&SSG - PLYMOUTH	
	PLYMOUTH	CUMBERNAULD	PLYMOUTH	CUMBERNAULD	1975	1976
AE501	382	307	843*	348	4	9
AE511	0	0	100	271	0	5
TC5110	326	811	1,017	933	0	15
TC5210	0	37	70	273		
TC5220	0	0	200	110		
TC5240	0		154			
TC5310	0	0	130	437		
TC5340/TC5440	0	0	190	242	45 - 180 CPS SYSTEMS	
TC5410	0	0	420	319	IN 1976	
B80 - 210	0	23	467	368		
B80-231	0	0	222	215		
B80-240	10	12	255	472		
B80-310	0	0	300	294		
B80-340	0	6	538	498		

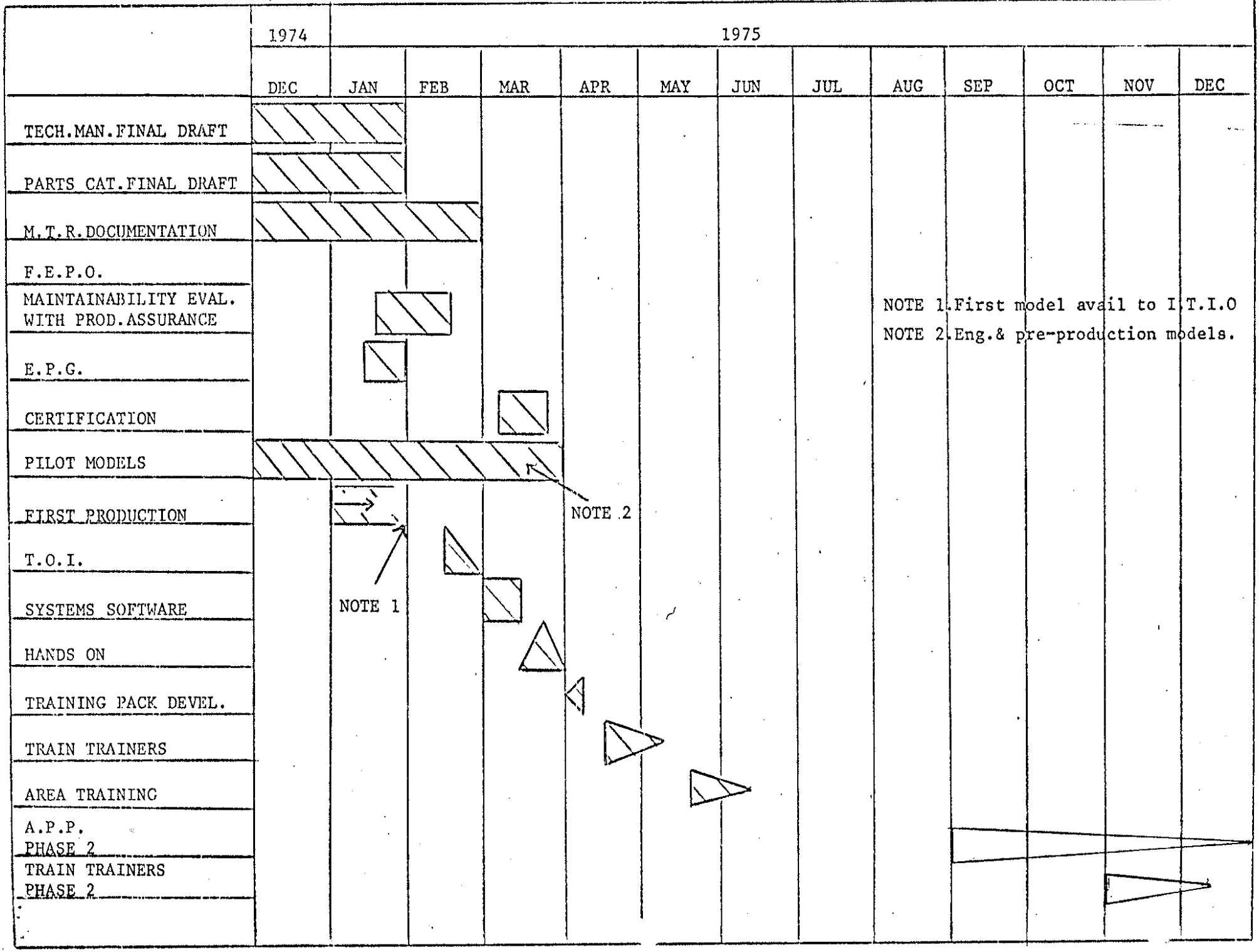
PLYMOUTH PRODUCTION FOR BMG

CUMBERNAULD PRODUCTION FOR INTERNATIONAL

---

* 256 of this total of 843 is for International.

AE500/TC5000 BASIC DATA SYSTEMS PREPARED 4th DECEMBER 1974



BASIC DATA SYSTEMS
1st QUARTERLY 1974 PRODUCTION

MACHINE NUMBERS	REQUIRED FOR	ESTIMATED AVAILABILITY DATE
B1001-308	ITIO	
B1002	C'NAULD ENG. (ELECTRICAL SAFETY	JANUARY
B1003	C'NAULD ENG. (DATA COMM SYSTEMS CERTIFICATION)	
B1004	ITIO	
B1005	C'NAULD ENG. (DATA COMM SYSTEMS CERTIFICATION)	
B1006	C'NAULD ENG. (ELECTRICAL SAFETY)	FEBRUARY
B1007	A.P.P. (AREA PARTICIPATION PROGRAM)	
B1008	A.P.P.	
B1009	BMG FE	
B1010	INT'L FE	
B1011	INT'L FE	
B1012	BMG DEMO	MARCH
B1013	BMG DEMO	
B1014	BMG DEMO	
B1015	INT'L DEMO	
B1016	INT'L DEMO	
B1017	C'NAULD ENG. (FUTURE PROGRAM CAPTIVE)	
B1018	PLYMOUTH PLANT	
B1019	C'NAULD ENG. SOFTWARE	
B1020	C'NAULD ENG. SOFTWARE	

BDS PHASE I APP & TRAIN THE TRAINERS

1975

JAN				FEB				MAR					APR				MAY				JUNE					JULY				AUG			
	1	2	2		1	1	2		1	1	2	3		1	2	2		1	1	2			1	2	3		1	2	2		1	1	2
6	3	0	7	3	0	7	4	3	0	7	4	1	7	4	1	8	5	2	9	6	2	9	6	3	0	7	4	1	8	4	1	8	5

Transfer of Information

Software/Firmware

Hands On

Training Package Development

Train Trainers

APP CUMBERNAULD	TRAIN TRAINERS U.K.
U.K.	GERMANY
FRANCE	ITALY
HOLLAND	SWITZERLAND
CANADA	ARGENTINA
BRAZIL	MEXICO
AUSTRALIA	SOUTH AFRICA
JAPAN	
BMG	

PRE-REQUISITE - ANY MICRO BASED SYSTEM PLUS DATA COMM KNOWLEDGE

MINI DISK STATUS B9489

20 PRE PRODUCTION UNITS SCHEDULED FOR 1ST QUARTER 1975

F.E. TRAINING TO COINCIDE WITH BDS PHASE II (MID 75)

RELIABILITY

PROTOTYPE TESTING INDICATES HIGH MTBF (PRODUCT SPEC - 3000 HRS)

NO P.M. IS CALLED OUT

HEAD WEAR IS MINIMISED BY HAVING ONLY ONE HEAD IN CONTACT WITH DISK AT A TIME.

OPERATOR MAINTENANCE

PERIODIC HEAD CLEANING USING CLEANING DISK.

ADJUSTMENTS

HEAD ALIGNMENT, PRELOAD NUT, SECTOR INDEX DELAY, DATA WINDOW, WRITE CURRENT AND ERASE CURRENT.

TOOLS REQUIRED

HAND TOOLS.

DIGITAL METER OR OSCILLOSCOPE.

ALIGNMENT CARTRIDGE.

(DISK EXERCISER?)

TROUBLESHOOTING

PROCESSOR DRIVEN ROUTINES.

F. E. MONITORS RESULTS WITH DIGITAL METER AND PERFORMS ANALYSIS.

REPAIR TO COMPONENT.-

MTTR - 3 HOURS .

LCJ 9/12/74

MINI DISK PRODUCTION

BURROUGHS 1MB:

1975	1976	1977	1978
1	1420	3000	5817

INDUSTRY COMPATIBLE 2.43KB:

1975	1976	1977	1978
53	245	612	1128

B700 IMMEDIATE ACTION PROGRAM

OBJECTIVES:

- RAISE ORDER LEVEL
- MAXIMIZE REVENUE & PROFIT POTENTIAL OF B705, B711 & B721

STRATEGY:

- INCREASE COMPETITIVENESS OF B705 & B711 BY
  - LOWER-COST PERIPHERALS
  - PRICING ACTION
  - AVAILABILITY OF WIDER RANGE OF BMS'S
- RELEASE & PROMOTE B721
  - ADDED CAPABILITIES
  - FIRST B700 MICR SYSTEM
- IMPROVE MARGINS ON B705 & B711
  - COST REDUCTION PROGRAMS (E.G. MOS MEMORY)
- INCREASE PERFORMANCE, AVERAGE PRICE & GPM ON B721
  - RELEASE DIRECT AUDIT ENTRY WITH BACKGROUND BATCH PROCESSING
  - PROGRAMMABLE MICR
  - SL9 COBOL
  - 2 MHZ MACHINE
  - 205/206 DISK

  } DOUBLE PERFORMANCE

  - HIGHER SPEED PERIPHERALS

B700 COST REDUCTION PROGRAM

1975 PROGRAM

- REPLACE B711 CORE MEMORY WITH MOS
  - ELIMINATE A BACK-PLANE & CARD CAGE
  - CHANGE POWER SUPPLY
- LOWER-COST SOCKETS
- LARGER CHIP FOR NANO-MEMORY

NET COST REDUCTION FOR B705/711 .... $600 (BY 3Q75)

- SHOULD BE REFLECTED IN 1976 WCTP

CSG ESTIMATE OF BASIC COST REDUCTIONS (74-3 FORECAST)

	1976 vs 1975	1977 vs 1976	1978 vs 1977
B 711	354	423	323
B 721	851	495	599
32 KB MOS MEMORY	636	264	180

NEED TO IDENTIFY FURTHER ENGINEERING COST REDUCTIONS

B 711-1

INCORPORATION OF B9343-21/41 (ELECTRONIC K/B) CONSOLES AND NEW CONSOLE CONTROLLER IN B711/705 PROCESSORS.

MTR RELEASE 5 (FEB. 1975) HAS PROGRAMS FOR B711-1.

NEW CONSOLE AND CONSOLE CONTROL INCORPORATED IN B721 TRAINING.

SALES ANNOUNCEMENT ON P.I.B. #29 IIIS.

B 721

B700 PROCESSOR WITH MOS MEMORY, DMAC, PMLC, ELECTRONIC KEYBOARD CONSOLE.

BISA TRAINING	JANUARY 27	FRANCE
A & P TRAINING	FEBRUARY 3	WAYNE, PA.
PRODUCT RELEASE	JAN/FEB. 1975	

PRODUCTION SCHEDULE (INTERNATIONAL)

1974	1975	1976	1977	1978
10	329	387	747	1184

December 6, 1974

Mr. P. Knudsen
Burroughs International S.A.
18, rue St. Pierre
1700 Fribroug, Switzerland

Mr. H.W. Dixon
World Headquarters
Room 3C27

Subject: B721 Area Training

Dear Per & Dick:

The attached pages outline the current plans for B721 Divisional Training. This is an update and revision to the schedules outlined in my letters to C.E. Payne, R.W. Haskell and C. Vincent dated September 24, 1974.

Sales training will be completed by the end of January 1975. The marketing plan is to have initial demonstration systems ready by the end of February 1975.

I do not anticipate any further delays or changes to this program. The Society General system is already in Paris, another two systems will be shipped to France this year. BMG Equipment will be used for the A & P training in Wayne, PA.

Advance copies of all available technical literature and a complete MTR release will be mailed direct to Cergy Pantoise, Attn. F. Armaingaud by TIO Downingtown.

One copy of all technical information generated at the B721 APP is being mailed to F. Armaingaud for use by K. Treherne and G. Pilon in training course preparation.

L.C. JESSUP
F.E. Product Manager

LCJ/rjo (Attachment)

cc: F. Armaingaud
W. Douglas
C. Habert
R. Haskell
E.A. Lawrence
W. Mahoney
C.E. Payne
J. Peggram
K. Ploemacher
N.J. Sendler
A. Sichello
H.P. Smith
C.B. Turner
C. Vincent

B721 TRAINING OUTLINE JAN. TRAIN TRAINERS

WEEKS

1/2	2	1	1/2
SOFTWARE BIG PICTURE OF SL7 & INTERPRETORS EXPLANATION OF VARIOUS ERROR MESSAGES SPECIAL ATTN TO LOADER	PROCESSOR DIFFERENCES NEW CONSOLE & I/O CONTROL DISK DMAC	PMLC & DATA COMM NDL & MINI D SOFTWARE	HANDS ON

OBJECTIVE - PROVIDE ADD-ONS TO EXISTING B700 TRAINING

ELIMINATE THE B700 PRE-REQUISITE FOR B721

B721 DEMMO CONFIGURATION

PROCESSOR WITH 48 KB MEMORY

CONSOLE B9343-22 AND CONTROL

B9480
B9481 DISK AND DMAC CONTROLLER

I/O EXPANSION UNIT

SLC AND TD 700 (ENQUIRY)

PMLC WITH SPM AND LINE ADAPTERS

TD 800 AND TC 3500 WITH CASSETTE

A9114 CARD RDR AND CONTROL

A9419-2 96CC AND CONTROL

A9249-3 PRINTER AND CONTROL (B9247 LINE PRINTER AND CONTROL OPTIONAL)

A9490 AND CONTROL

DATA SETS AND CABLES

1975 B721 ALLOCATIONS

DEMO SYSTEMS

BISA:

FRANCE (F.E. & SALES)

ITALY

GREAT BRITAIN (F.E. & SALES)

HOLLAND

SOUTH AFRICA

SWEDEN

SWITZERLAND

SPAIN

LATIN AMERICA:

BRAZIL (F.E. & SALES)

MEXICO

PAC. & CANADA:

AUSTRALIA

CANADA (F.E. & SALES)

NEW ZEALAND

JAPAN (F.E. & SALES)

NOTE: SYSTEMS MUST BE ORDERED BY SUBSIDIARIES. SEE C. HABERTS LETTERS TO SALES DEPTS DATED JULY 11 AND AUGUST 30, 1974 FOR FULL DETAILS.

INTERNATIONAL TRAINING PLANS

K. TREHERNE (U.K.)
G. PILON (CANADA)

INSTRUCTORS

1) J.C. ECREPONT INSTALL SOCIETY GENERAL SYSTEM IN CERGY PANTOISE DECEMBER 1974.

2) JANUARY 6, 1975 - TREHERNE AND PILON WORK WITH ECREPONT IN PARIS TO UPDATE KNOWLEDGE GAINED DURING APP AND PREPARE HARDWARE TRAINING COURSE.

3) PREPARE SOFTWARE TRAINING FOR SL7 SYSTEMS (B711 AND B721) INPUTS MAY BE REQUIRED FROM ILLINGWORTH AND ECREPONT.

DURATION (1,2,3) 2-3 WEEKS

4) RUN DIVISIONAL TRAINING JANUARY 1975

A & P
G. PILON *
JANUARY 27

BRAZIL
MEXICO
AUSTRALIA
NEW ZEALAND
JAPAN
CANADA

BISA
K. TREHERNE
J. ECREPONT (CONSULTANT)
JANUARY 20 or 27 IN CERGY PANTOISE

SPAIN
HOLLAND
U.K.
SOUTH AFRICA
SWEDEN
SWITZERLAND
ITALY
FRANCE

* COURSE IN WAYNE, P.A. IN CONJUNCTION WITH BMG.

B 721 1975 ENHANCEMENTS

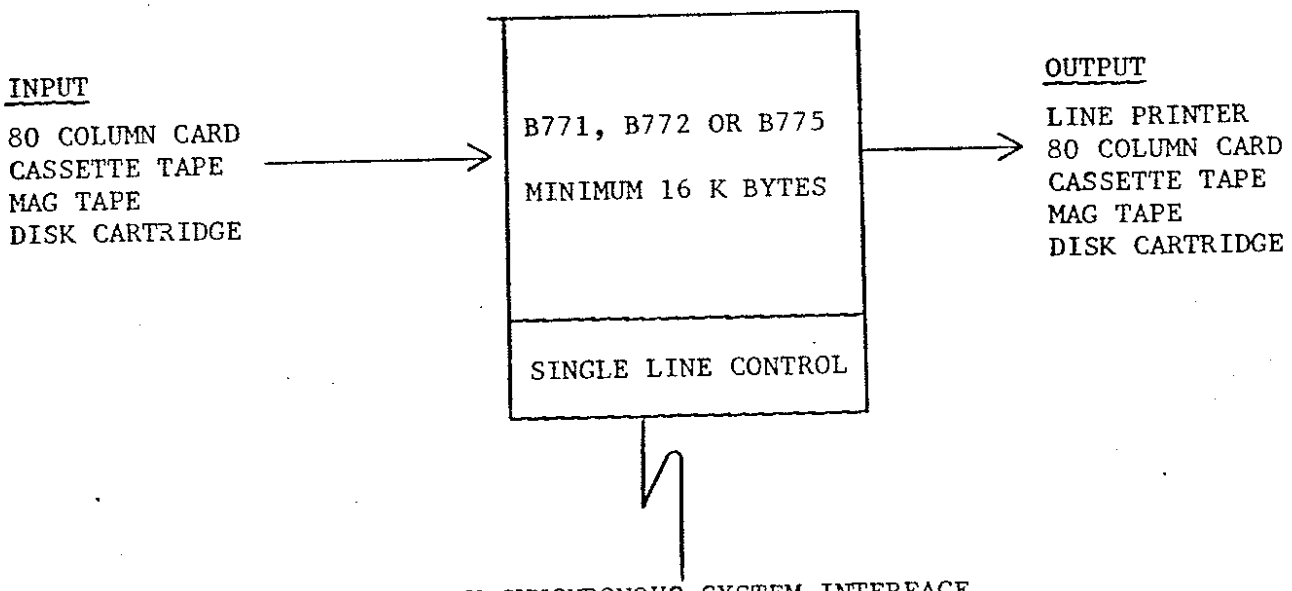
B489-4 DISK MULTIPLEXOR 2ND QUARTER 1975

INTERNATIONAL MICR HANDLER 4TH QUARTER 1975

PROVIDES PROGRAMMABLE FIELDS TO ENABLE NATIONALISTIC PROGRAMS WITH B9135 READER SORTER.

IBM RJE FOR B770 SERIES

2780/3780 LOOK-ALIKE



AVAILABILITY - 3780 LOOK-ALIKE OR B771/2 - 8/75

3780 LOOK-ALIKE OR B775 -11/75

2780 LOOK-ALIKE - DATE IN REVIEW

B775 SYSTEM & COMMUNICATION PROCESSOR

PRICING - IN APPROVAL CYCLE

PRODUCT ANNOUNCEMENT - FEBURARY 1975

FIRST PRODUCTION AVAILABILITY - SEPTEMBER 1975

WILL INCLUDE:

SL9 INTERPRETER

MCS COMPILER - ON BOARD

COBOL COMPILER - ON BOARD

NDL COMPILER - ON BOARD

OPERATING SYSTEM

PERIPHERALS - DISK CONSOLE PRINTER, CARD READER, & LINE PRINTER

PROCESSOR - 96 K BYTES MEMORY

8 I/O PORTS

16 DATA COMM LINES - 1 DCP

REAL TIME CLOCK

PROJECT STATUS

1. INVESTIGATING IMPROVED THROUGHPUT FOR COMMUNICATION PRE-PROCESSOR.

   IMPROVEMENT OVER PREVIOUS PREDICTIONS BASED ON MORE DETAILED ANALYSIS.

	TOP DOWN SCAN	ROUND ROBIN SCAN
1 LINE	50 K BITS PER SECOND	50 K BITS PER SECOND
4 LINES	43 K BPS TOTAL	9.6 K BPS EACH LINE
8 LINES	38 K BPS TOTAL	4.8 K BPS EACH LINE
16 LINES	27 K BPS TOTAL	2.4 K BPS EACH LINE

   EMIT M OBJECT CODE FOR COMM. PROC. AND EXECUTE DIRECTLY RATHER THAN INTERPRET -- PREDICTED TO BE 2 TIMES PERFORMANCE INCREASE.

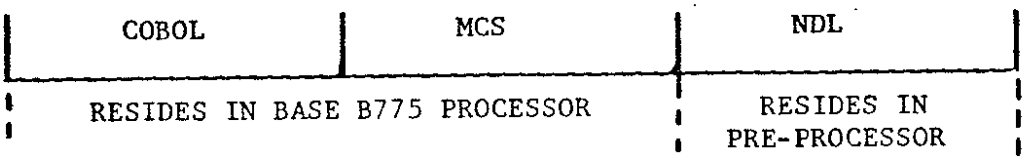
   BIPOLAR MPM FOR COMMUNICATION PRE-PROCESSOR--40% PERFORMANCE INCREASE.

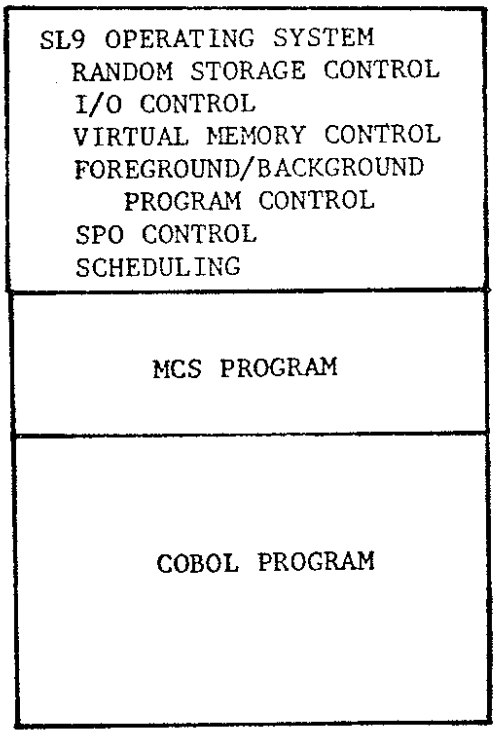
2. ENGINEERING STUDY IN PROCESS TO DETERMINE THE NUMBER OF COMMUNICATION PRE-PROCESSORS THAT CAN BE CONNECTED. RESPONSE BY END OF FEBURARY, 1975.

3. BUDGET APPROVED AND NEW PDA IN PROCESS TO COVER:
   - 2 MHZ B776 PROCESSOR
   - COMMUNICATION PRE-PROCESSOR IMPROVEMENTS
   - RECOVERY & STANDBY CAPABILITIES
     - LINE SWITCHING
     - PERIPHERAL SWITCHING
     - PROCESSOR TO PROCESSOR COMM.
     - SHARED DISK
     - POWER FAIL/RECOVERY
     - NETWORK DIAGNOSTICS
     - ERROR LOGGING

SL9 SYSTEM - B775

SL9 INTERPRETER





DOWNINGTOWN B700 PROGRAM