

13145 SEP 08, 175 ID=00E7

JOB :P8ST,BRU333323132,7 • TERMINAL JOB

LIMIT (CORE,16),(TIME,10)

ASSIGN M:CI,(FILE,PCL,;DOUCI)

METASYM CI,L8,CN

•SS R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15

•SS SR1,SR2,SR3,SR4,D1,D2,D3,D4,§

•END

ACTION							
ACTION3	237/BAL	383/BAL	424-EQU				
ACTTBL	773/B	777-LW					
ADDFILEN	447/EXU	451-EQU					
ANSBLK	127/REF	665/BAL	680/BAL				
ARGBUFF	101/DEF	444/STW	927-EQU				
ARGBUF4	58/DEF 688/LM	469/LW 794-EQU	481/LW 795/EQU	484/LW 857/EQU	671/LM	673/LM	686/LM
ARGTBL	64/DEF	768/LI	857-EQU				
ATTRB	59/DEF	795-EQU	796/EQU	827/EQU			
BASEREG	74/DEF	816-EQU	817/EQU				
BLKBUFF	148/BGE	161-LW					
BLKSIZE	102/DEF	926-EQU					
BREAK	103/DEF	924-EQU					
BUFSIZE	274/STW	385/MTW	911/MTW	921-DSECT			
CARDSEQ	70/DEF	169/STW	792-EQU	793/EQU			
CIBLEFT	78/DEF	818-EQU	819/EQU				
CIBTOTAL	76/DEF	834-EQU	835/EQU				
CIBUSED	76/DEF	835-EQU	836/EQU				
	76/DEF	833-EQU	834/EQU				

CISEQ								
CIWORD	76/DEF	838=EQU						
CLOSDCB	76/DEF	836=EQU	837/EQU					
CLOSFP	549/BAL	551/BAL	553/BAL	562=LW				
CMBX	565/CAL1	567=GEN						
	57/DEF	212/STW	357/STW	612/STW	649/LW	675/LW	796=EQU	
	797/EQU							
CMBXDIFF	68/DEF	877=EQU						
CMBXHLD	111/DEF	213/STW	358/STW	852=EQU	853/EQU			
CMDBUF	57/DEF	191/LI	209/AI	211/LI	232/LI	261/AI	333/LI	
	353/AI	356/LI	579/LI	797=EQU	798/EQU	877/EQU	877/EQU	
	877/EQU	877/EQU						
CMDTBL	777/LW	880=DATA						
CMDTBLX	772/LW	898=DATA						
CMDTBLX1	898/DATA	904=EQU						
CMDTBL1	880/DATA	897=EQU						
C0BLEFT	77/DEF	840=EQU	841/EQU					
C0BUSED	77/DEF	839=EQU	840/EQU					
C0DE	59/DEF	829=EQU	830/EQU					
C0NTCHK	222/BAL	369/BAL	578=EQU					
C0NTINUE	105/DEF	176/LI	605/LI	865=EQU				

C0NTM0DE							
C0NTPTR	591/MTW	599/MTW	607/STW	843=EQU	844/EQU		
C0NT1	177/STW	606/STW	620/AW	621/AWM	625/LW	842=EQU	843/EQU
C0NT2	591-MTW	59A/BE					
C0NT3	584-EQU	595/BDR					
C0NT33	587/BE	595-BDR					
C0NT4	582/BEZ	59A-LB					
C0NT5	583/BLZ	589/BNE	599-MTW				
C0NT6	600/BNEZ	603-AI					
C0NT7	594/B	605-LI					
C0PYALL	609/BGE	615-AI					
C0PYPHY	114/REF	476/BAL					
C0PYSK	9A/DEF	441/STW	692/MTW	944=EQU			
C0PYSTDF	85/DEF	440/STW	647/MTW	703/MTW	938=EQU		
C0PYT0	82/DEF	430/STW	474/MTW	825=EQU	839/EQU		
C0PY1	113/REF	47A/BAL					
C0PY2	453/B	469-LW					
C0PY3	473/BNE	47A-BAL					
C0WORD	471/BE	475=EQU					

DATETBL	77/DEF	841-EQU	842/EQU		
DCBADD	85/DEF	937-EQU			
DEL\$CT	62/DEF	798-EQU	799/EQU		
DELERR	92/DEF	433/STW	855-EQU		
DELETE	708-LI				
DELETEAL	121/REF	490/BAL			
DELETEEF	121/REF	488/BAL			
DEL1	93/DEF	442/STW	930-EQU		
DEL2	454/B	481-LW			
DENSITY	483/BNE	490-BAL			
DEV\$IN	91/DEF	432/STW	854-EQU	855/EQU	
DEV\$OUT	108/DEF	428/STW	656/LW	848-EQU	849/EQU
DEV\$SAV	108/DEF	429/STW	849-EQU	850/EQU	
DEV\$SAV1	109/DEF	850-EQU	851/EQU		
DEVICE	110/DEF	851-EQU	852/EQU		
DEVTRAN	59/DEF	654/LW	663/LM	827-EQU	828/EQU
DVLARG	132/REF	651/BAL			
EATTRB	60/DEF	928-EQU			
	85/DEF	939-EQU			

ENDCMD							
ENDCMD1	448-PLW	477/B	479/B	489/B	491/B	512/BNEZ	514/B
ENDPCL	372/B	382/B	386/BLEZ	389/BEZ	415-CI		
ERCMDBUF	241/B	524/B	529/BLZ	547-EQU			
	68/DEF	215/LI	362/LI	793-EQU	794/EQU	877/EQU	878/EQU
	878/EQU	878/EQU					
ERR#JOB							
	557/BE	559-EQU					
ERRFLAG							
	61/DEF	359/STW	799-EQU	800/EQU	859/EQU		
ERRFLG4							
	64/DEF	859-EQU					
ERROR							
	113/REF	381/BAL	630/BAL	709/BAL	720/BAL	752/BAL	
EXACCT							
	88/DEF	863-EQU					
EXPIRE							
	106/DEF	845-EQU	846/EQU				
EXTBL							
	87/DEF	436/STW	947-EQU				
FILE							
	59/DEF	828-EQU	829/EQU				
FIXARG							
	113/REF	778/BAL					
FPARAM							
	63/DEF	399/LI	867-EQU				
FPTABORT							
	525/CAL1	539-GEN					
FPTCMD							
	235/CAL1	284/CAL1	286-GEN				
FPTCMD1							
	299/CAL1	301-GEN					
FPTCMD2							
	309-GEN	349/CAL1					

FPTCMD3							
FPTCOMP	314=GEN	348/CAL1					
FPTCOMP2	292/CAL1	294=GEN					
FPTCONSL	307=GEN	330/CAL1					
FPTFILHD	67/DEF	264/CAL1	266=GEN				
FPTFILNM	390/CAL1	392=GEN					
FPTGP	406/CAL1	408=GEN					
FPTHERE	140/CAL1	143=DATA	145=DATA				
FPTINT	247/CAL1	249=GEN					
FPTPRBMT	185/CAL1	187=GEN					
FPTRMPCCL	72/DEF	178/CAL1	180=GEN	316/DATA			
FROMCMBX	531/CAL1	533=GEN					
FROMFILE	99/DEF	674/STW	943=EGU				
	93/DEF	438/STW	635/MTW	672/STM	674/STM	690/LB	695/LB
	931=EGU						
GETARG							
GRANCNT	113/REF	738/BAL	766/BAL				
IN*ARG	96/DEF	946=EGU					
INSWT	107/DEF	426/STW	846=EGU	847/EGU			
INT	62/DEF	800=EGU	801/EGU				
	187/GEN	910=EGU					

INTARG							
IOBUF	125/REF	741/BAL					
	62/DEF	626/CI	866-EQU	867/EQU	868/EQU	869/EQU	870/EQU
	871/EQU	872/EQU	873/EQU	874/EQU			
IOERR							
	61/DEF	360/STW	801-EQU	802/EQU			
JICCBUF							
	123/REF	204/LB	207/LB				
JIJIT							
	118/REF	120/DEF	182/LC	193/LC	230/LC	245/MTW	277/MTW
	493/MTW	520/MTW	528/MTW	554/LC	710/MTW	714/MTW	906-DATA
JBICCAR5							
	133/REF	198/LB					
KEY							
	78/DEF	819-EQU	820/EQU				
LINE#N0							
	89/DEF	869-EQU					
LINE#N01							
	89/DEF	870-EQU					
LINE#N02							
	90/DEF	871-EQU					
LINEN0							
	83/DEF	874-EQU					
LIS							
	456/B	493-MTW					
LIST							
	121/REF	510/BAL	713/BAL				
LISTCMBX							
	100/DEF	941-EQU					
LISTTERM							
	100/DEF	942-EQU					
LIST26							
	129/REF	916/LI					
LIS2							
	494/BGEZ	500/BE	504-LI				
LIS5							



MIDB	497/BGZ	503/BNE	509-EQU				
MIEI	130/REF	552/LI					
MILL	115/REF	388/MTB	401/LI				
MILB	131/REF	151/GEN	286/GEN	294/GEN	550/LI		
MISI	116/REF 542/LI	295/GEN	301/GEN	496/LH	507/GEN	517/LI	533/GEN
MJUC	116/REF	262/LI	275/LW	308/DATA			
MAXCMBX	116/REF 522/LI	249/GEN	307/GEN	309/GEN	314/GEN	392/GEN	408/GEN
M0DE	57/DEF	210/STW	354/STW	611/STW	802-EQU	803/EQU	
MVSTMT	59/DEF	830-EQU	831/EQU				
NCHAR	590/BAL	604/BAL	618-LW				
NPAGE	58/DEF	668/MTW	683/MTW	803-EQU	804/EQU		
NXCMD	62/DEF	804-EQU	805/EQU				
NXCMD1	183/BCS 421/BEZ	243/B	246/BGEZ	260-LW	283/BE	370/B	416/BLE
ONLINE	263-EQU	280/BE					
OPNEPT	194/BCS	198-LB					
OUT\$ARG	62/DEF	868-EQU					
PATCH	107/DEF	427/STW	847-EQU	848/EQU			

PCL	136/DEF	137-CSECT					
	2-DSECT	139/USECT	146/USECT	158/USECT	181/USECT	188/USECT	
	257/USECT	273/USECT	291/USECT	296/USECT	320/USECT	398/USECT	
PCL1	413/USECT	508/USECT	546/USECT	570/USECT	950/USECT	951/END	
PCL2	278/BLZ	328-EQU					
PCL3	378/BNE	383-BAL					
PCL4	203/BLZ	229/BGE	245-MTW				
PCL42	324/BLE	326/B	332/BE	351-EQU			
PCL5	371/B	373-EQU					
PCL6	298/BE	321-EQU					
PCL7	379-EQU	452/B	462/B	463/B	466/B	467/B	487/BNE
PCL8	340/BE	342/BE	347-EQU				
PCL82	231/BCS	236-EQU					
PCL88	226-EQU	375/BNEZ					
PGMSG	223/B	242-MTW					
PLSECT	149/CAL1	151-GEN					
	3-CSECT	141/USECT	150/USECT	179/USECT	186/USECT	248/USECT	
	265/USECT	285/USECT	293/USECT	300/USECT	391/USECT	407/USECT	
	506/USECT	532/USECT	566/USECT				
PREVACT	62/DEF	764/STW	805-EQU	806/EQU			
PRNTBUF	66/DEF	813-EQU	814/EQU	862/EQU			

PRTBUF							
PRTBUF4	61/DEF	852/EQU	872-EQU	875/EQU			
PRTERR	64/DEF	852-EQU					
RDACCT	113/REF	240/BAL	417/BAL				
RDFPT	74/DEF	861-EQU					
RDTBL	63/DEF	804-EQU	807/EQU				
RECNUM	86/DEF	434/STW	935-EQU				
RECSIZE	66/DEF	814-EQU	815/EQU				
RETURN	76/DEF	837-EQU	838/EQU				
REVA	782-STW						
REVB	684/BEZ	691/BEZ	693/BNEZ	697/BL	701-EQU		
REVC	705/BLZ	722-CI					
REVIEW	642/BE	647-MTW					
REVRP	93/DEF	465/BAL	634-PSW				
REV1	129/REF	914/CI					
REV2	642/BNEZ	665-BAL					
REV3	707/BE	710-MTW					
REV4	667/BG	682/BG	704/BGZ	715/BLZ	717-PLW	721/B	723/BE
REV5	706-CI						

REV6	660/BNE	698/BG	719-LI	725/B	
REV7	646/BF	679/BNE	703-MTW		
REV8	695-LB	700/BDR			
REV9	644/BE	680-BAL			
REW	669/BEZ	677-LW			
RSSAVE	124/REF	457/BAL	458/BAL		
RSTACK	80/DEF	821-EQU	822/EQU		
SAVCMBX	56/DEF	787-EQU	791/EQU	792/EQU	
SCRATCH	73/DEF	650/STW	652/STW	815-EQU	816/EQU
SELECT	95/DEF	824-EQU	825/EQU		
SEQNUM	59/DEF	832-EQU	833/EQU	861/EQU	
SEQUENCE	97/DEF	873-EQU			
SFACCT	59/DEF	831-EQU	832/EQU		
SFARG	84/DEF	431/STW	812-EQU	813/EQU	
SFCNT	84/DEF	664/STM	940-EQU		
SFDEV	84/DEF	945-EQU			
SFTEMP	85/DEF	639/STW	661/STW	929-EQU	
SPE	94/DEF	823-EQU	824/EQU		
	124/REF	460/BAL			

SPF							
STACK	124/REF	459/BAL					
	170/LI	923=RES	924/EQU	925/EQU	926/EQU	927/EQU	928/EQU
	929/EQU	930/EQU	931/EQU	933/EQU	935/EQU	936/EQU	937/EQU
	938/EQU	939/EQU	940/EQU	941/EQU	942/EQU	943/EQU	944/EQU
	945/EQU	946/EQU	947/EQU	948/EQU	949/EQU		
STRDFPT							
	82/DEF	875=EQU					
SYNFLAG							
	69/DEF	791=EQU					
SYNONYM							
	81/DEF	822=EQU	823/EQU				
TABS							
	464/BAL	727=LCI					
TABSEND							
	750/BE	753=STW	758/B	760/B			
TABSERR							
	743/BNE	757=LI					
TABSERR2							
	737/BE	759=LI					
TABSET							
	79/DEF	729/LI	753/STW	820=EQU	821/EQU		
TABS2							
	736=CI	748/BE					
TELCONT							
	242/MTW	374/MTW	420/MTW	844=EQU	845/EQU		
TERM							
	58/DEF	640/LW	677/LW	702/LW	746/LW	807=EQU	808/EQU
TERMPCL							
	268/DATA	269/DATA	455/B	527=EQU			
TERMPCL2							
	419/BE	516=EQU					
TLABEL							
	69/DEF	949=EQU					
TLBLSIZE							
	74/DEF	864=EQU					

T0ARG							
T0FILE	63/DEF	808-EQU	809/EQU				
T0PPAGE	93/DEF	439/STW	636/MTW	687/STM	689/STM	696/CB	933-EQU
T0SWT	505/CAL1	507-GEN	513/CAL1	712/CAL1	716/CAL1		
T0VER	60/DEF	809-EQU	810/EQU				
TRANSACT	65/DEF	811-EQU	812/EQU				
TXTABORT	55/DEF	227/BAL	376/BAL	762-PSW			
TXTRMPCL	541/DATA	544-TEXT					
UNACCT	530/LB	535/DATA	538-TEXTC				
UNBADR	88/DEF	853-EQU	854/EQU				
UNPRINT	104/DEF	925-EQU					
UNTBL	126/REF	402/BAL					
VERSION	87/DEF	437/STW	948-EQU				
	5-EQU	71/D01	117/D01	119/D01	122/D01	128/D01	142/D01
	144/D01	175/D0	306/D0	329/D0	384/D0	519/D0	905/D01
	909/D0						
WEOF							
WRTACCT	124/REF	461/BAL					
WRTBL	74/DEF	862-EQU	863/EQU				
WRTFPT	86/DEF	435/STW	936-EQU				
#DELIM	63/DEF	810-EQU	811/EQU				

75/DEF

817-EQU

818/EQU

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1  
2 02 00000  
3 03 00000

		PCL	
*M*	PCL	EXECUTIVE ROUTINE OF PCL PROCESSOR	
PCL	DSECT	1	
PLSECT	CSECT	1	



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PCL

		VERSION	PAGE	
4				
5	00000002	R0	EQU	2
6	00000000	R1	EQU	0
7	00000001	R2	EQU	1
8	00000002	R3	EQU	2
9	00000003	R4	EQU	3
10	00000004	R5	EQU	4
11	00000005	R6	EQU	5
12	00000006	R7	EQU	6
13	00000007	SR1	EQU	7
14	00000008	SR2	EQU	8
15	00000009	SR3	EQU	9
16	0000000A	SR4	EQU	10
17	0000000B	D1	EQU	11
18	0000000C	D2	EQU	12
19	0000000D	D3	EQU	13
20	0000000E	D4	EQU	14
21	0000000F			15

1=BPM,2=UTS

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22  
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PAGE  
TITLE 'PCL'

PCL

17

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24          00000C01          *S*          SYSTEM  SIG7
25          *S*          SYSTEM  BPM
26          *
27          *P*          NAME:    PCL
28          *P*
29          *P*          PURPOSE: PCL PROVIDES FOR PROCESSING OF USER COMMANDS WHICH
30          *P*          DIRECT INFORMATION MOVEMENT BETWEEN INPUT AND OUTPUT
31          *P*          DEVICES. THE EXECUTIVE ROUTINE IS THE MAIN DRIVING
32          *P*          ROUTINE FOR THE PCL SUBSYSTEM.
33          *P*
34          *
35          *DB*
36          *P*
37          * INPUT
38          *          ARGBUF  ARGUMENT BUFFER
39          *          NCHAR   LENGTH OF CURRENT ARGUMENT
40          *          TERM    TERMINATOR OF CURRENT ARGUMENT
41          *          D2      MAXIMUM ERROR SEVERITY
42          *          PCL CNTRL COMMANDS FROM TTYS OR CR
43          *          R0      ZERO REGISTER
44          * OUTPUT
45          *          D1      CURRENT ACTION CODE
46          *          PREVACT PREVIOUS ACTION CODE
47          *          CMDBUF  CONTROL COMMAND BUFFER
48          *          CMBX    *CMDBUF* INDEX OF FIRST ARGUMENT
49          *          MAXCMBX MAXIMUM *CMDBUF* INDEX
50          *          DIAGADD INITIALIZED DIAGNOSTIC ADDRESS
51          *          CALL TO APPROPRIATE COMMAND PROCESSOR
52          *
53          *
54          *FIN*
55          DEF          TRANSACT
56          DEF          RSTACK
57          DEF          CMDBUF,CMBX,MAXCMBX
58          DEF          ARGBUF,NCHAR,TERM
59          DEF          ARGTL,DEVICE,FILE,CODE,MODE,SEQUENCE,SELECT
60          DEF          DVLARG,TOSWT

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03 00000

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                                PCL
DEF   PRTBUF,ERRFLAG,IBERR
DEF   DCBADD,INSWT,IBUF,NPAGE,OPNFPT,PREVACT
DEF   T0ARG,RDFPT,WRTFPT,FPARAM
DEF   ARGBUF4,PRTBUF4,ERRFLG4
DEF   T0VER
DEF   PRNTBUF,RECNUM
DEF   FPTCONSL
DEF   ERCMDBUF,CMBXDIFF
DEF   TLABEL,SYNFLAG
DEF   BUFSIZE
DEF   D01
DEF   VERSION#2
DEF   FPTPROMT
DEF   SAVCMBX
DEF   ATTRB,RDACCT,WRTACCT,TLBLSIZE
DEF   #DELIM
DEF   CIBUSED,CIBLEFT,CIBTOTAL,CIWORD,RECSIZE,CISEQ
DEF   C0BUSED,C0BLEFT,C0WORD
DEF   KEY,CARDSEQ
DEF   TABSET
DEF   RSSAVE
DEF   SYNONYM
DEF   COPYSTDF,STRDFPT
DEF   LINEN0
DEF   SFARG,SFCNT,SFACCT
DEF   SFDEV,EATTRB,COPYSK,DATETBL
DEF   RDTBL,WRTBL
DEF   EXTBL,UNTBL
DEF   EXACCT,UNACCT
DEF   LINE#N0,LINE#N01
DEF   LINE#N02
DEF   DENSITY
DEF   DEL#CT
DEF   FROMFILE,T0FILE,REVIEW,DELETEDF
DEF   SFTEMP
DEF   SCRATCH
DEF   GRANCNT
DEF   SEGNUM
    
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PCL

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DEF COPYPHY
DEF FROMCMBX
DEF LISTCMBX,LISTTERM
DEF ANSBLK
DEF BLKBUFF
DEF BLKSIZE
DEF UNBADR
DEF CONTINUE
DEF EXPIRE
DEF IN$ARG,OUT$ARG
DEF DEV$IN,DEV$OUT
DEF DEV$SAV
DEF DEV$SAV1 SIDR# PRE7=0744
DEF CMBXHLD SIDR#SIG7=11335

REF GETARG,ERROR,PRERR,COPYT0,FIXARG
REF COPYALL
REF M:EI
REF M:SI,M:UC,M:LO
D01 VERSION=2
REF J:JIT
D01 VERSION=1
DEF J:JIT
REF DELETEAL,DELETE,LIST
D01 VERSION=2
REF J:CCBUF
REF REW,SPF,SPE,WE0F
REF INTARG
REF UNPRINT
REF ADDFILEN
D01 VERSION=2
REF REVRP,LIST26
REF MID0
REF MILL
REF DEVTRAN
REF JBICCARS

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BYTE COUNT OF J:CCBUF

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135 *
136 DEF PATCH PROCEDURE PATCH AREA
137 06 00000 PATCH CSECT 1
138 06 00000 RES 50
139 06 00032 USECT PCL
140 02 00000 04800000 03 CAL1,8 FPTGP
141 02 00001 USECT PLSECT
142 03 00000 DB1 VERSION#2
143 03 00000 08000002 A FPTGP DATA X'08000002' REQUEST 2 PAGES
144 03 00001 DB1 VERSION#1
145 *S* FPTGP DATA X'08000100' REQUEST ALL OF MEMORY
146 03 00001 USECT PCL
147 02 00001 21800002 A CI,SR1 2 MUST HAVE AT LEAST 2 PAGES
148 02 00002 68100005 BGE BASEREG BK
149 02 00003 04100001 03 CAL1,1 PGMSG PRINT MESSAGE INDICATING CORE LIMIT
150 02 00004 USECT PLSECT
151 03 00001 11000000 X PGMSG GEN,8,7,17 X'11',0,M:LL
152 03 00002 34000000 A DATA X'34000000'
153 03 00003 00000006 DATA $+3
154 03 00004 00000031 A DATA 49
155 03 00005 00000000 A DATA 0
156 03 00006 40D7C3D3 A TEXT ' PCL CANNOT EXECUTE '
    03 00007 40C3C1D5 A
    03 00008 D5D6E340 A
    03 00009 C9E7C5C3 A
    03 0000A E4E3C540 A
157 03 0000B E4D5F3C9 A TEXT 'UNTIL CORE LIMIT IS INCREASED'
    03 0000C D340C3D6 A
    03 0000D D9C540D3 A
    03 0000E C9D4C9E3 A
    03 0000F 40C9F240 A
    03 00010 C9D5C3D9 A
    03 00011 C5C1E2C5 A
    03 00012 C4404040 A
158 03 00013 USECT PCL
159 02 00004 04900002 A MIERR
160 *
    
```

161	02	00005	32700009	A	BASEREG	LW,R7	SR2		DEFINE BASE REGISTER
162					*				
163	02	00006	221001FF	A		LI,R1	511		CLEAR USER STORAGE
164	02	00007	22000000	A		LI,R0	0		
165	02	00008	B5020007	A		STW,R0	*R7,R1		
166	02	00009	64100008	A		BDR,R1	*=1		
167	02	0000A	2580000B	A		SLS,SR1	11		CONVERT PAGES TO BYTES
168	02	0000B	208FF800	A		AI,SR1	=2048		RESERVE PAGE FOR DATA
169	02	0000C	358E0004	A		STW,SR1	BUFSIZE,R7		INITIALIZE I/O BUFFER SIZE
170	02	0000D	22100001	07		LI,R1	STACK		SET UP STACK POINTER
171	02	0000E	351E0000	A		STW,R1	0,R7		
172	02	0000F	321001FC	A		LW,R1	*X'01360000'		SPACE COUNT 310 WORDS
173	02	00010	351E0001	A		STW,R1	1,R7		
174					*				
175		00000001				DB	VERSION=2		
176	02	00011	22100400	A		LI,R1	4*CONTINUE		
177	02	00012	351E00EA	A		STW,R1	CONTPT,R7		INITIALIZE CONTINUATION PTR
178	02	00013	04100013	03		CAL1,1	FPTPROMT		SET PROMPT CHAR
179	02	00014				USECT	PLSECT		
180	03	00013	2C00004C	A	FPTPROMT	GEN,8,16,8	X'2C1,0,1<1		
181	03	00014				USECT	PCL		
182	02	00014	70200000	X		LC	J:JIT		DO WE HAVE A GHOST
183	02	00015	6940004F			BCS,4	NXCMD		INDEED WE DO = 1ST COMMAND
184	02	00016	32000007	A		LW,R0	R7		YES-SET BREAK CONTROL
185	02	00017	04800014	03		CAL1,8	FPTINT		
186	02	00018				USECT	PLSECT		
187	03	00014	050001F4	02	FPTINT	GEN,8,7,17	X'0E1,0,INT		
188	03	00015				USECT	PCL		
189	02	00018	22000000	A		LI,R0	0		RESTORE R0
190					*				
191	02	00019	2240005D	A		LI,R4	CMDBUF		
192	02	0001A	30400007	A		AW,R4	R7		ADDRESS OF CMDBUF
193	02	0001B	70200000	X		LC	J:JIT		
194	02	0001C	69800020			BCS,8	ONLINE		GET COUNT FROM J:PUF IF ONLINE
195	02	0001D	22200050	A		LI,R2	80		
196	02	0001E	2210004F	A		LI,R1	79		POINT TO LAST BYTE
197	02	0001F	68000023			B	*+4		

PCL

198 02 00020 72200000 X  
 199 02 00021 32100002 A  
 200 02 00022 201FFFFE A  
 201 02 00023 32500002 A  
 202 02 00024 20100000 A  
 203 02 00025 6910004C  
 204 02 00026 72320000 X  
 205 02 00027 F5320004 A  
 206 02 00028 64100026  
 207 02 00029 72300000 X  
 208 02 0002A F5300004 A  
 209 02 0002B 20200173 A  
 210 02 0002C 352E008D A  
 211 02 0002D 22200174 A  
 212 02 0002E 352E005C A  
 213 02 0002F 352E00F6 A  
 214 02 00030 22D00000 A  
 215 02 00031 22100004 A  
 216 02 00032 30100007 A  
 217 02 00033 22200023 A  
 218 02 00034 323001FD  
 219 02 00035 B5340001 A  
 220 02 00036 64200035  
 221 02 00037 32400005 A  
 222 02 00038 6AB00119  
 223 02 00039 6800004A  
 224 02 0003A 02000000 A  
 225 02 0003B 02000000 A  
 226 02 0003C  
 227 02 0003C 6AB001CA  
 228 02 0003D 21C0000F A  
 229 02 0003E 6810004C  
 230 02 0003F 70200000 X  
 231 02 00040 69800045  
 232 02 00041 2210005D A  
 233 02 00042 30100007 A  
 234 02 00043 22200050 A

ONLINE

PCL82

LB,R2 JB;CCARS  
 LW,R1 R2  
 AI,R1 \*2  
 LW,R5 R2  
 AI,R1 0  
 BLZ PCL3  
 LB,R3 J;CCBUF,R1  
 STB,R3 \*R4,R1  
 BDR,R1 \*2  
 LB,R3 J;CCBUF  
 STB,R3 \*R4  
 AI,R2 4\*CMDBUF-1  
 STW,R2 MAXCMBX,R7  
 LI,R2 4\*CMDBUF  
 STW,R2 CMBX,R7  
 STW,R2 CMBXHLD,R7  
 LI,D2 0  
 LI,R1 ERCMDBUF-1  
 AW,R1 R7  
 LI,R2 35  
 LW,R3 \*1  
 STW,R3 \*R1,R2  
 BDR,R2 \*1  
 LW,R4 R5  
 BAL,SR4 CNTCHK  
 B PCL88  
 NOP  
 NOP  
 EQU \*  
 BAL,SR4 TRANSACT  
 CI,D1 XIF'  
 BGE PCL3  
 LC JIJIT  
 BCS,R PCL8  
 LI,R1 CMDBUF  
 AW,R1 R7  
 LI,R2 80

SKIP 10D' CHAR IF ONLINE  
 COPY COUNT  
 COPY TELL COMMAND TO CMDBUF  
 COPY FIRST BYTE OF TEL COMMAND  
 MAX COMMAND BUFFER INDEX  
 INITIALIZE COMMAND BUFFER INDEX  
 SAVE INITIAL VALUE OF CMBX.  
 CLEAR MAXIMUM SEVERITY  
 BLANK COMMAND LINE ERROR POINTER  
 GET LINE LENGTH  
 TEST FOR CONTINUATION LINE  
 CONTINUED LINE RETURN  
 LAST OF CONTINUATION  
 ERROR RETURN  
 GO TRANSLATE FIRST VERB  
 WAS COMMAND 'PCL', 'PCL'  
 YES-READ FIRST COMMAND  
 DONT ECHO FIRST COMMAND IF ONLINE



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PCL

235	02	00044	04100025	03		CAL1,1	FPTC0MD		ECHO IF BATCH
236		02	00045		PCL8	EQU	*		
237	02	00045	6AB000AC			BAL,SR4	ACTION		GO=DO THE COMMAND
238	02	00046	21D00001	A		CI,D2	1		TEST ERR SEVERITY LEVEL
239	02	00047	68200049			BLE	*+2		NO MESSAGES TO PRINT
240	02	00048	6AB00000	X		BAL,SR4	PRTERR		YES=PRINT THE MESSAGES
241	02	00049	68000108			B	ENDPCL		CLOSE DCBS BEFORE RETURN TO TEL.
242	02	0004A	331E00EC	A	PCL88	MTW,1	TELCNT,R7		SET FLAG FOR TEL CONTINUATION
243	02	0004B	6800004F			B	NXCMD		GET NEXT LINE
244					*				
245	02	0004C	33000000	X	PCL3	MTW,0	JIJIT		ONLINE MODE
246	02	0004D	6810004F			BGEZ	NXCMD		NO=RRREAD FIRST COMMAND
247	02	0004E	04100015	03		CAL1,1	FPTHERE		PRINT 'PCL HERE'
248	02	0004F				USECT	PLSECT		
249	03	00015	11000000	X	FPTHERE	GEN,8,7,17		X'111',0,M,UC	
250	03	00016	34000000	A		DATA	X'34000000'		
251	03	00017	0000001A			DATA	*+3		
252	03	00018	0000000D	A		DATA	13		
253	03	00019	00000000	A		DATA	0		
254	03	0001A	D7C3D340	A		TEXT	'PCL '		
255	03	0001B	C3F0F140	A		TEXT	'C01 '		
256	03	0001C	C8C8D9C5	A		TEXT	'HEREN'		
257	03	0001D	15404040	A					
257						USECT	PCL		
258						FIN			
259					*				
260	02	0004F	32100007	A	NXCMD	LW,R1	R7		READ NEXT COMMAND
261	02	00050	2010005D	A		AI,R1	CMDBUF		
262	02	00051	22600000	N		LI,R6	MISI		
263		02	00052		NXCMD1	EQU	*		
264	02	00052	0410001E	03		CAL1,1	FPTCONSL		READ COMMAND
265	02	00053				USECT	PLSECT		
266	03	0001E	90000006	A	FPTCONSL	GEN,8,7,17		X'190',0,R6	
267	03	0001F	F4000010	A		DATA	X'F4000010'		
268	03	00020	00000104	02		DATA	TERMPCL		TERMINATE ON ERROR
269	03	00021	00000104	02		DATA	TERMPCL		TERMINATE ON ABNORMAL
270	03	00022	80000001	A		PZE	*R1		

271	03	00023	0000008C	A		DATA	140		SIZE
272	03	00024	00000000	A		DATA	0		NO BYTE DISPLACEMENT
273	03	00025				USECT	PCL		
274	02	00053	35000000	07		STW,R0	BREAK		CLEAR BREAK
275	02	00054	32200004	N		LW,R2	M:SI+4		
276	02	00055	2520006F	A		SLS,R2	=17		GET COUNT
277	02	00056	33000000	X		MTW,0	JIJIT		BATCH MODE
278	02	00057	69100067			BLZ	PCL1		NO
279	02	00058	21200078	A		CI,R2	120		BINARY CARD READ
280	02	00059	68300052			BE	NXCMD1		YES=SKIP IT
281	02	0005A	B2300001	A		LW,R3	*R1		
282	02	0005B	313001FE			CW,R3	=1 PCL1		
283	02	0005C	6830004F			BE	NXCMD		BATCH PCL COMMAND
284	02	0005D	04100025	03		CAL1,1	FPTC0MD		PRINT THE BATCH COMMAND
285	02	0005E				USECT	PLSECT		
286	03	00025	11000000	X	FPTC0MD	GEN,8,7,17		X111,0,M;LL	
287	03	00026	34000010	A		DATA	X134000010'		
288	03	00027	80000001	A		PZE	*R1		
289	03	00028	80000002	A		PZE	*R2		SIZE
290	03	00029	00000000	A		DATA	0		NO BYTE DISPLACEMENT
291	03	0002A				USECT	PCL		
292	02	0005E	0410002A	03		CAL1,1	FPTC0MP		COMPARE M;LL AND M;L0
293	02	0005F				USECT	PLSECT		
294	03	0002A	25000000	X	FPTC0MP	GEN,8,7,17		X12B1,0,M;LL	
295	03	0002B	00000000	X		GEN,15,17		0,M;L0	
296	03	0002C				USECT	PCL		
297	02	0005F	21800001	A		CI,SR1	1		SAME DEVICE
298	02	00060	68300062			RE	PCL5		YES
299	02	00061	0410002C	03		CAL1,1	FPTC0MD1		NO=PRINT COMMAND AGAIN ON M;L0
300	02	00062				USECT	PLSECT		
301	03	0002C	11000000	X	FPTC0MD1	GEN,8,7,17		X111,0,M;L0	
302	03	0002D	34000010	A		DATA	X134000010'		
303	03	0002E	80000001	A		PZE	*R1		BUFFER
304	03	0002F	80000002	A		PZE	*R2		SIZE
305	03	00030	00000000	A		DATA	0		NO BYTE OFF SET
306			00000001			D0	VERSION=2		
307	03	00031	25000000	N	FPTC0MP2	GEN,8,24		X12B1,M;UC	

```

308 03 00032 00000000 N
309 03 00033 11000000 N
310 03 00034 34000010 A
311 03 00035 80000001 A
312 03 00036 80000002 A
313 03 00037 00000000 A
314 03 00038 11000000 N
315 03 00039 34000010 A
316 03 0003A 00000013
317 03 0003B 00000001 A
318 03 0003C 00000003 A
319
320 03 0003D
321 02 00062
322 02 00062 20200001 A
323 02 00063 21200049 A
324 02 00064 6820007A
325 02 00065 22200049 A
326 02 00066 6800007A
327
328 02 00067
329 00000001
330 02 00067 04100031 03
331 02 00068 21800001 A
332 02 00069 6830007A
333 02 0006A 2240005D A
334 02 0006B 30400007 A
335 02 0006C 29400002 A
336 02 0006D 30400002 A
337 02 0006E 204FFFFFF A
338 02 0006F 72380000 A
339 02 00070 21300015 A
340 02 00071 68300078
341 02 00072 2130000D A
342 02 00073 68300078
343 02 00074 20400001 A
344 02 00075 22300015 A
    
```

```

          DATA M:SI
FPTC0MD2 GEN,8,24 X:11',M:UC
          DATA X:34000010'
          PZE *R1
          PZE *R2
          DATA 0
FPTC0MD3 GEN,8,24 X:11',M:UC
          DATA X:34000010'
          DATA FPTPR0MT
          DATA 1
          DATA 3
          FIN
          USECT PCL
PCL5 EQU $
          AI,R2 1
          CI,R2 73
          BLE PCL4
          LI,R2 73
          B PCL4
*
PCL1 EQU $
          DB VERSION=2
          CAL1,1 FPTC0MP2
          CI,SR1 1
          BE PCL4
          LI,R4 CMDBUF
          AW,R4 R7
          SLS,R4 2
          AW,R4 R2
          AI,R4 =1
          LB,R3 0,R4
          CI,R3 X:15'
          BE PCL7
          CI,R3 X:0D'
          BE PCL7
          AI,R4 1
          LI,R3 X:15'
    
```

CHARS/CARD PLUS ONE

COMPARE M:UC AND M:SI

SAME DEVICE

BYTE ADDRESS OF COMMAND BUFFER

GET LOC OF LAST CHAR

TEST IF LAST CHAR IS CR  
YES

YES

345	02	00076	75380000	A		STB,R3	0,R4		SET CARRIAGE RETURN IN LINE
346	02	00077	20200001	A		AI,R2	1		
347		02	00078		PCL7	EGU	*		
348	02	00078	04100038	03		CAL1,1	FPTCMD3		WRITE PROMPT
349	02	00079	04100033	03		CAL1,1	FPTCMD2		PRINT COMMAND TO UC
350						FIN			
351		02	0007A		PCL4	EGU	*		
352	02	0007A	32400002	A		LW,R4	R2		SAVE STMT LENGTH
353	02	0007B	20200173	A		AI,R2	4*CMBUF-1		MAX COMMAND BUFFER INDEX
354	02	0007C	352E008D	A		STW,R2	MAXCMBX,R7		
355					*				
356	02	0007D	22200174	A		LI,R2	4*CMBUF		INITIALIZE COMMAND BUFFER INDEX
357	02	0007E	352E005C	A		STW,R2	CMBX,R7		
358	02	0007F	352E00F6	A		STW,R2	CMBXHLDR7	SAVE	INITIAL VALUE OF CMBX.
359	02	00080	350E0081	A		STW,R0	ERRFLAG,R7		CLEAR ERROR FLAGS
360	02	00081	350E008C	A		STW,R0	IBERR,R7		CLEAR I/O ERROR FLAG
361	02	00082	22D00000	A		LI,D2	0		CLEAR MAXIMUM SEVERITY
362	02	00083	22100004	A		LI,R1	ERCMBUF-1		
363	02	00084	30100007	A		AW,R1	R7		
364	02	00085	22200023	A		LI,R2	35		
365	02	00086	323001FD	A		LW,R3	*1		
366	02	00087	B5340001	A		STW,R3	*R1,R2		
367	02	00088	64200087	A		BDR,R2	*-1		BLANK COMMAND LINE ERROR POINTER
368					*				
369	02	00089	6AB00119	A		BAL,SR4	CONTCHK		TEST FOR CONTINUATION
370	02	0008A	6800004F	A		B	NXCMD		CONTINUED LINE RETURN
371	02	0008B	6800008D	A		B	PCL42		LAST OF CONTINUATION
372	02	0008C	680000A4	A		B	ENDCMD1		ERROR RETURN
373		02	0008D		PCL42	EGU	*		NORMAL RETURN
374	02	0008D	330E00EC	A		MTW,0	TELCNT,R7		WAS TEL CMD CONTINUED
375	02	0008E	6930003C	A		BNEZ	PCL82		YES-GB PROCESS
376	02	0008F	6AB001CA	A		BAL,SR4	TRANSACT		TRANSLATE COMMAND ACTION VERB
377	02	00090	21C00000	A		CI,D1	0		TEST FOR ERROR RETURN
378	02	00091	69300095	A		BNE	PCL2		NO-DB THE COMMAND
379		02	00092		PCL6	EGU	*		
380	02	00092	22100012	A		LI,R1	18		ERROR-ILLEGAL ACTION VERB
381	02	00093	6AB00000	X		BAL,SR4	ERROR		

H01

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PCL

28

382 02 00094 680000A4  
 383 02 00095 6A8000AC  
 384 00000001  
 385 02 00096 33F00000 07  
 386 02 00097 682000A4  
 387 02 00098 22200002 A  
 388 02 00099 73040016 N  
 389 02 0009A 683000A4  
 390 02 0009B 0410003D 03  
 391 02 0009C  
 392 03 0003D 11000000 X  
 393 03 0003E 34000000 A  
 394 03 0003F 0U000042  
 395 03 00040 0U000011 A  
 396 03 00041 0U000000 A  
 397 03 00042 D3C1F2E3 A  
 03 00043 4UC6C9D3 A  
 03 00044 C540D5C1 A  
 03 00045 D4C5407E A  
 03 00046 4U404040 A  
 398 03 00047  
 399 02 0009C 22E00223 A  
 400 02 0009D 30E00007 A  
 401 02 0009E 22100017 N  
 402 02 0009F 6A800000 X  
 403 02 000A0 2U200001 A  
 404 02 000A1 22300015 A  
 405 02 000A2 F534000E A  
 406 02 000A3 04100047 03  
 407 02 000A4  
 408 03 00047 11000000 X  
 409 03 00048 34000010 A  
 410 03 00049 8U00000E A  
 411 03 0004A 8U000002 A  
 412 03 0004B 0U000001 A  
 413 03 0004C  
 414

PCL2

FPTFILHD

FPTFILNM

B ENDCMD1  
 BAL,SR4 ACTION  
 D8 VERSION\*2  
 MTW,\*1 BREAK  
 BLEZ ENDCMD1  
 LI,R2 2  
 MTB,0 M:EI+22,R2  
 BEZ ENDCMD1  
 CAL1,1 FPTFILHD  
 USECT PLSECT  
 GEN,8,7,17 X:111',0,M:UC  
 DATA X'34000000'  
 DATA \*+3  
 DATA 17  
 DATA 0  
 TEXT 'LAST FILE NAME = '  
 USECT PCL  
 LI,D3 FPARAM  
 AW,D3 R7  
 LI,R1 M:EI+23  
 BAL,SR4 UNPRINT  
 AI,R2 1  
 LI,R3 X:15'  
 STB,R3 \*D3,R2  
 CAL1,1 FPTFILNM  
 USECT PLSECT  
 GEN,8,7,17 X:111',0,M:UC  
 DATA X'34000010'  
 RZE \*D3  
 RZE \*R2  
 DATA 1  
 USECT PCL  
 FIN

GO=DO THE COMMAND

BREAK SET  
NO

FILE NAME TO PRINT

PRINT 'LAST FILE COPIED'

BUFFER ADDRESS

MOVE FILE NAME TO BUFFER

PRIN FILE NAME

BUFFER

415 02 000A4 21D00001 A  
 416 02 000A5 6820004F  
 417 02 000A6 6AB00000 X  
 418 02 000A7 21D00004 A  
 419 02 000A8 683000FC  
 420 02 000A9 330E00EC A  
 421 02 000AA 6830004F  
 422 02 000AB 04900001 A  
 423  
 424 02 000AC  
 425 02 000AC 89B00007 A  
 426 02 000AD 350E00F0 A  
 427 02 000AE 350E00F1 A  
 428 02 000AF 350E00F2 A  
 429 02 000B0 350E00F3 A  
 430 02 000B1 350E00E6 A  
 431 02 000B2 350E00B2 A  
 432 02 000B3 350E00FA A  
 433 02 000B4 350E00FB A  
 434 02 000B5 3500017D 07  
 435 02 000B6 3500017F 07  
 436 02 000B7 350001C0 07  
 437 02 000B8 350001C2 07  
 438 02 000B9 3500016D 07  
 439 02 000BA 35000175 07  
 440 02 000BB 35000189 07  
 441 02 000BC 350001BD 07  
 442 02 000BD 3500016C 07  
 443 02 000BE 22100004 A  
 444 02 000BF 35020141 07  
 445 02 000C0 641000BF  
 446 02 000C1 3210000C A  
 447 02 000C2 670200C4  
 448 02 000C3 88B00007 A  
 449 02 000C4 E800000B A  
 450  
 451 02 000C4

ENDCMD1

CI,D2 1  
 BLE NXCMD  
 BAL,SR4 PRTRR  
 CI,D2 4  
 BE TERMPCL2  
 MTW,0 TELCONT,R7  
 BEZ NXCMD  
 MIEXIT

TEST ERR SEVERITY LEVEL  
 NO MESSAGES TO PRINT  
 YES-PRINT ERROR LINES  
 TEST IF ABORT WANTED  
 YES  
 WAS TEL CMD CONTINUED  
 NO-READ NEXT COMMAND  
 GO BACK TO TEL

\*  
 ACTION

EGU \$  
 PSW,SR4 \*R7  
 STW,R0 IN\$ARG,R7  
 STW,R0 OUT\$ARG,R7  
 STW,R0 DEV\$IN,R7  
 STW,R0 DEV\$OUT,R7  
 STW,R0 COPYSTD,R7  
 STW,R0 SFACCT,R7  
 STW,R0 DENSITY,R7  
 STW,R0 DEL\$CT,R7  
 STW,R0 RDTBL  
 STW,R0 WRTBL  
 STW,R0 EXTBL  
 STW,R0 UNTBL  
 STW,R0 FROMFILE  
 STW,R0 TOFILE  
 STW,R0 COPYSK  
 STW,R0 COPYPHY  
 STW,R0 DELETEF  
 LI,R1 4  
 STW,R0 ANSBLK=1,R1  
 BDR,R1 \$=1  
 LW,R1 D1  
 EXU ACTTBL,R1  
 PLW,SR4 \*R7  
 B \*SR4

DO THE COMMAND  
 ZERO AREAS IN WHICH  
 SYSTEM DEVICE  
 INFORMATION IS TO  
 BE STORED.  
 ZERO COPYSTD FLAG  
 ZERO STD FILE ACCT FLAG  
 ZERO ANS OPTIONS  
 RETURN FROM COMMAND PROCESSING

\*  
 ACTTBL

EGU \$=1

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PCL

452	02	000C5	68000092	B	PCL6	TO = ERROR	
453	02	000C6	680000D5	B	COPY1	COPY OR COPYALL	
454	02	000C7	680000DF	B	DEL1	DELETE OR DELETEALL	
455	02	000C8	68000104	B	TERMPCL	END	
456	02	000C9	680000EA	B	LIS	LIST	
457	02	000CA	6AB00000 X	BAL,SR4	REW	REMOVE	
458	02	000CB	6AB00000 X	BAL,SR4	REW	REW	
459	02	000CC	6AB00000 X	BAL,SR4	SPF	SPF	
460	02	000CD	6AB00000 X	BAL,SR4	SPE	SPE	
461	02	000CE	6AB00000 X	BAL,SR4	WE0F	WE0F	
462	02	000CF	68000092	B	PCL6	ON = ERROR	
463	02	000D0	68000092	B	PCL6	OVER = ERROR	
464	02	000D1	6AB001A8	BAL,SR4	TABS	TABS	
465	02	000D2	6AB0014D	BAL,SR4	REVIEW	REVIEW	
466	02	000D3	68000092	B	PCL6		
467	02	000D4	68000092	B	PCL6		
468							
469	02	000D5	321E0029 A	* COPY1	LW,R1	ARGBUFF+1,R7	TEST FOR COPYALL COMMAND
470	02	000D6	311001FF		CW,R1	%C'YALL'	
471	02	000D7	683000DB		BE	COPY3	YES
472	02	000D8	31100200		CW,R1	%C'YSTD'	TEST FOR COPYSTD
473	02	000D9	693000DD		BNE	COPY2	NO
474	02	000DA	331E00E6 A		MTW,1	COPYSTDF,R7	SET COPYSTD FLAG
475		02 000DB		* COPY3	EQU	*	
476	02	000DB	6AB00000 X		BAL,SR4	COPYALL	EDIT AND EXECUTE COPYALL COMMAND
477	02	000DC	680000C3		B	ENDCMD	
478	02	000DD	6AB00000 X	* COPY2	BAL,SR4	COPYT0	EDIT AND EXECUTE COPY COMMAND
479	02	000DE	680000C3		B	ENDCMD	
480							
481	02	000DF	321E0029 A	* DEL1	LW,R1	ARGBUFF+1,R7	
482	02	000E0	31100201		CW,R1	%C'ETEA'	DELETE
483	02	000E1	693000E8		BNE	DEL2	YES
484	02	000E2	321E002A A		LW,R1	ARGBUFF+2,R7	
485	02	000E3	45100202		AND,R1	%X'FFFFFF00'	
486	02	000E4	31100203		CW,R1	%X'D3D34000'	CHECK IF REALLY DELETEALL.
487	02	000E5	69300092		BNE	PCL6	NOT DELETEALL
488	02	000E6	6AB00000 X		BAL,SR4	DELETEAL	NO=DELETEALL

489	02	000E7	680000C3		B	ENDCMD	
490	02	000E8	6A800000 X	DEL2	BAL,SR4	DELETE	
491	02	000E9	680000C3		B	ENDCMD	
492				*			
493	02	000EA	33000000 X	LIS	MTW,0	J:JIT	
494	02	000EB	681000F5		BGEZ	LIS2	
495	02	000EC	22500001 A		LI,R5	1	BATCH MODE
496	02	000ED	522A0001 N		LH,R2	M:LB+1,R5	SET NO TOP OF PAGE FLAG
497	02	000EE	692000F7		BGZ	LIS5	
498	02	000EF	4B200204		AND,R2	=X'FFFF'	DEVICE BIT NOT SET
499	02	000F0	2120D3D7 A		CI,R2	'LP'	
500	02	000F1	683000F5		BE	LIS2	
501	02	000F2	4B200205		AND,R2	=X'F00'	
502	02	000F3	21200600 A		CI,R2	X'600'	IS DEVICE LP
503	02	000F4	693000F7		BNE	LIS5	NO
504	02	000F5	22500000 A	LIS2	LI,R5	0	SET TOP OF PAGE FLAG
505	02	000F6	0410004C 03		CAL1,1	TOPPAGE	TOP OF PAGE ON LINE PRINTER
506	02	000F7			USECT	PLSECT	
507	03	0004C	04000000 X	TOPPAGE	GEN,8,7,17	X'104',0,M:LB	
508	03	0004D			USECT	PCL	
509		02 000F7		LIS5	EGU	*	
510	02	000F7	6A800000 X		BAL,SR4	LIST	PROCESS LIST COMMAND
511	02	000F8	20500000 A		AI,R5	0	
512	02	000F9	693000C3		BNEZ	ENDCMD	NO TOP OF PAGE NEEDED
513	02	000FA	0410004C 03		CAL1,1	TOPPAGE	TOP OF PAGE ON LP
514	02	000FB	680000C3		B	ENDCMD	
515				*			
516		02 000FL		TERMPCL2	EGU	*	
517	02	000FC	22400000 N		LI,R4	M:LB	
518	02	000FD	22300009 A		LI,R3	9	
519		00000001			D8	VERSION=2	
520	02	000FE	33000000 X		MTW,0	J:JIT	
521	02	000FF	68100102		BGEZ	*+3	BATCH MODE
522	02	00100	22400000 N		LI,R4	M:UC	
523	02	00101	2230000A A		LI,R3	10	
524					FIN		
525	02	00102	04100059 03		CAL1,1	FPTABORT	PRINT ABORT MESSAGE



526 02 00103 68000108  
 527 02 00104  
 528 02 00104 33000000 X  
 529 02 00105 69100108  
 530 02 00106 72200052 03  
 531 02 00107 0410004D 03  
 532 02 00108  
 533 03 0004D 11000000 X  
 534 03 0004E 34000000 A  
 535 03 0004F 00000052  
 536 03 00050 80000002 A  
 537 03 00051 00000001 A  
 538 03 00052 19D7C3D3 A  
 03 00053 40D7D9D6 A  
 03 00054 C3C5E2E2 A  
 03 00055 C9D5C740 A  
 03 00056 E3C5D9D4 A  
 03 00057 C9D5C1E3 A  
 03 00058 C5C44040 A  
 539 03 00059 91000004 A  
 540 03 0005A 34000000 A  
 541 03 0005B 0000005E  
 542 03 0005C 80000003 A  
 543 03 0005D 00000000 A  
 544 03 0005E D7C3D340 A  
 03 0005F C1C2D6D9 A  
 545 03 00060 E3150000 A  
 546 03 00061  
 547 02 00108  
 548 02 00108 22200000 N  
 549 02 00109 6AB00114  
 550 02 0010A 22200000 N  
 551 02 0010B 6AB00114  
 552 02 0010C 22200000 N  
 553 02 0010D 6AB00114  
 554 02 0010E 70200000 X  
 555 02 0010F 69C00112

TERMPCL B ENDPCL  
 EQU \*  
 MTW,0 JIJIT ONLINE  
 BLZ ENDPCL YES  
 LB,R2 TXTRMPCL MESSAGE SIZE  
 CAL,1 FPTRMPCL PRINT 'PCL PROCESSING TERMINATE'  
 USECT PLSECT  
 FPTRMPCL GEN,8,7,17 X'111',0,M;L0  
 DATA X'34000000'  
 DATA TXTRMPCL  
 PZE \*R2  
 DATA 1  
 TXTRMPCL TEXTC 'PCL PROCESSING TERMINATED!'  
 03 00053 40D7D9D6 A  
 03 00054 C3C5E2E2 A  
 03 00055 C9D5C740 A  
 03 00056 E3C5D9D4 A  
 03 00057 C9D5C1E3 A  
 03 00058 C5C44040 A  
 FPTABORT GEN,8,24 X'91',R4  
 DATA X'34000000'  
 DATA TXTABORT  
 PZE \*R3  
 DATA 0  
 TXTABORT TEXT 'PCL ABOR'  
 DATA X'E3150000'  
 USECT PCL  
 ENDPCL EQU \*  
 LI,R2 M;L0  
 BAL,SR4 CL0SDCB CLOSE M;L0  
 LI,R2 M;LL  
 BAL,SR4 CL0SDCB CLOSE M;LL  
 LI,R2 M;D0  
 BAL,SR4 CL0SDCB CLOSE M;D0  
 LC,R2 JIJIT  
 BCS,12 \*+3

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556	02	00110	21000004	A		CI,D2	*	
557	02	00111	68300113			BE	ERR*JOB	
558	02	00112	04900001	A		MIEXIT		
559		02	00113		ERR*JOB	EQU	*	
560	02	00113	04900002	A		MIERR		
561					*			
562	02	00114	32140000	A	CLOSEDCB	LW,R1	0,R2	CLOSE DCB WHOSE ADR IS IN R2
563	02	00115	31100206			CW,R1	X100200000'	
564	02	00116	E840000B	A		BAZ	*SR4	NOT OPEN * EXIT
565	02	00117	04100061	03		CAL1,1	CLOSEFPT	
566	02	00118				USECT	PLSECT	
567	03	00061	95000002	A	CLOSEFPT	GEN,8,24	X195',R2	
568	03	00062	80000000	A		DATA	X180000000'	
569	03	00063	00000002	A		DATA	2	SAVE
570	03	00064				USECT	PCL	
571	02	00118	E800000B	A		B	*SR4	EXIT

```

572
573
574
575
576
577
578      02 00119
579      02 00119      22200005D A
580      02 0011A      302000007 A
581      02 0011B      204FFFFFE A
582      02 0011C      683000129
583      02 0011D      69100012C
584      02 0011E
585      02 0011E      F23800002 A
586      02 0011F      213000040 A
587      02 00120      683000128
588      02 00121      21300005E A
589      02 00122      69300012C
590      02 00123      6A600013E
591      02 00124      331E000EB A
592      02 00125      21D000002 A
593      02 00126      E9100000B A
594      02 00127      680000132
595      02 00128      64400011E
596      02 00129      F23000002 A
597      02 0012A      21300005E A
598      02 0012B      683000124
599      02 0012C      330E000EB A
600      02 0012D      693000130
601      02 0012E      20B000003 A
602      02 0012F      E8000000B A
603      02 00130      204000002 A
604      02 00131      6A600013E
605      02 00132      221000400 A
606      02 00133      351E000EA A
607      02 00134      350E000EB A
608      02 00135      21D000002 A
    
```

```

PAGE
*CONTCHK TESTS IF A COMMAND IS CONTINUED OR IS A CONTINUATION.
*IF NEITHER, EXIT IS TO C(SR4)+3. IF CONTINUED, EXIT IS TO C(SR4).
*IF LAST OF CONTINUATION LINES, EXIT IS TO C(SR4)+1. IF TOO MANY
*CONTINUATIONS, EXIT IS TO C(SR4)+2. LINES ARE CONCATENATED IN THE
*BUFFER BEGINNING AT LOCATION CONTINUE + C(R7).
CONTCHK EQU *
          LI,R2,CMDBUF
          AW,R2,R7
          AI,R4,*2
          BEZ,CNT33
          BLZ,CNT4
          EQU *
          LB,R3,*R2,R4
          CI,R3,X'40'
          BE,CNT3
          CI,R3,'!'
          BNE,CNT4
          BAL,R6,MVSTMT
          MTW,1,CNTMODE,R7
          CI,D2,2
          BL,*SR4
          B,CNT6
          BDR,R4,CNT2
          CNT33 LB,R3,*R2
          CI,R3,'!'
          BE,CNT1
          MTW,0,CNTMODE,R7
          BNEZ,CNT5
          AI,SR4,3
          B,*SR4
          AI,R4,2
          BAL,R6,MVSTMT
          CNT6 LI,R1,4*CONTINUE
          STW,R1,CNTPTR,R7
          STW,R0,CNTMODE,R7
          CI,D2,2
          COMMAND BUFFER LOCATION
          ADJUST LENGTH FOR INDEXING
          TEST END OF STMT
          FOR PRESENCE OF CONT CHAR
          GO MOVE TO CONCAT AREA
          SET CONTINUATION MODE
          TEST IF ERROR
          NO = RETURN
          YES = TOO MANY CONT STMTS
          LOOP THROUGH STMT
          ONE SIGNIFICANT CHAR IN STMT
          LAST STMT OF CONT STMT
          NON-CONT STMT = BUMP RETURN REG
          RESTORE STMT LENGTH
          GO MOVE LAST STMT
          RESET CONT STMT POINTER
          TURN OFF CONTINUATION MODE
          TEST IF ERROR
    
```

609	02	00136	6810013C	BGE	C0NT7	YES
610	02	00137	203FFFFFF A	AI,R3	=1	
611	02	00138	353E008D A	STW,R3	MAXCMBX,R7	SET MAX CMD BUFFER INDEX
612	02	00139	351E005C A	STW,R1	CMBX,R7	CURRENT INDEX
613	02	0013A	20B00001 A	AI,SR4	1	LAST STMT RETURN
614	02	0013B	E800000B A	B	*SR4	
615	02	0013C	20B00002 A	C0NT7	AI,SR4	ERROR RETURN
616	02	0013D	E800000B A	B	*SR4	
617						
618	02	0013E	32300007 A	* MVSTMT	LW,R3	R7
619	02	0013F	25200102 A	SLD,R2	2	BYTW ADR OF CMDBUF
620	02	00140	303E00EA A	AW,R3	C0NTPTR,R7	COMPUTE ADR IN CONCAT AREA
621	02	00141	664E00EA A	AWM,R4	C0NTPTR,R7	BUMP FOR NEXT STMT
622	02	00142	25400018 A	SLS,R4	24	POSITION COUNT
623	02	00143	30300004 A	AW,R3	R4	
624	02	00144	61200000 A	MBS,R2	0	CONCATENATE STMT
625	02	00145	323E00EA A	LW,R3	C0NTPTR,R7	
626	02	00146	21300800 A	CI,R3	4*I0BUF	TEST IF TOO MANY STMTS
627	02	00147	682C0000 A	BLE	0,R6	NO - RETURN
628	02	00148	22100035 A	LI,R1	53	TOO MANY CONTINUATION LINES
629	02	00149	89B00007 A	PSW,SR4	*R7	
630	02	0014A	6AB00000 X	BAL,SR4	ERROR	REPORT ERROR
631	02	0014B	88B00007 A	PLW,SR4	*R7	
632	02	0014C	680C0000 A	B	0,R6	



670	02	00171	02200040	A		LCI	4	
671	02	00172	2A1E0028	A		LM,R1	ARGBUFF,R7	MOVE FILE NAME
672	02	00173	2510016D	07		STM,R1	FROMFILE	
673	02	00174	2A1E002C	A		LM,R1	ARGBUFF+4,R7	
674	02	00175	25100171	07		STM,R1	FROMFILE+4	
675	02	00176	321E005C	A		LW,R1	CMBX,R7	
676	02	00177	351001BC	07		STW,R1	FROMCMBX	SAVE POINTER TO END OF FIELD
677	02	00178	321E0098	A	REV9	LW,R1	TERM,R7	
678	02	00179	2110006B	A		CI,R1	1,1	IS ITO: FIELD PRESENT
679	02	0017A	69300191			BNE	REV6	NO
680	02	0017B	6AB00000	X	REV8	BAL,SR4	ADDFILEN	GET SECOND FILE NAME
681	02	0017C	21D00001	A		CI,D2	1	
682	02	0017D	6920019F			BG	REV3	ERROR
683	02	0017E	330E008E	A		MTW,0	NCHAR,R7	
684	02	0017F	68300190			BEZ	REVA	NULL ITO: FIELD
685	02	00180	02200040	A		LCI	4	
686	02	00181	2A1E0028	A		LM,R1	ARGBUFF,R7	MOVE FILE NAME
687	02	00182	25100175	07		STM,R1	TOFILE	
688	02	00183	2A1E002C	A		LM,R1	ARGBUFF+4,R7	
689	02	00184	25100179	07		STM,R1	TOFILE+4	
690	02	00185	7220016D	07		LB,R2	FROMFILE	
691	02	00186	68300190			BEZ	REVA	NULL FROM FIELD
692	02	00187	3300018D	07		MTW,0	COPYPHY	WAS PHY OPTION USED
693	02	00188	69300190			BNEZ	REVA	YES = NOT SORT ORDER
694	02	00189	22300001	A		LI,R3	1	
695	02	0018A	7246016D	07	REV7	LB,R4	FROMFILE,R3	TEST IF IFROM: GR THAN ITO:
696	02	0018B	71460175	07		CB,R4	TOFILE,R3	
697	02	0018C	69100190			BL	REVA	OK
698	02	0018D	692001A1			BG	REV5	YES = ERROR
699	02	0018E	20300001	A		AI,R3	1	
700	02	0018F	6420018A			BDR,R2	REV7	
701		02	00190		REVA	EQU	*	
702	02	00190	321E0098	A		LW,R1	TERM,R7	GET DELIMITER
703	02	00191	33000189	07	REV6	MTW,0	COPYSK	
704	02	00192	6920019F			BGZ	REV3	COPYALL
705	02	00193	691001A4			BLZ	REVB	DELETEALL
706	02	00194	21100015	A	REV4	CI,R1	X:15:	

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707 02 00195 68300198  
708 02 00196 2210001E A  
709 02 00197 6AB00000 X  
710 02 00198 33000000 X  
711 02 00199 6910019B  
712 02 0019A 0410004C 03  
713 02 0019B 6AB00000 X  
714 02 0019C 33000000 X  
715 02 0019D 6910019F  
716 02 0019E 0410004C 03  
717 02 0019F 88B00007 A  
718 02 001A0 E800000B A  
719 02 001A1 22100008 A  
720 02 001A2 6AB00000 X  
721 02 001A3 6800019F  
722 02 001A4 21100015 A  
723 02 001A5 6830019F  
724 02 001A6 22100011 A  
725 02 001A7 680001A2

DELERR

REV2

REV3

REV5

REVB

BE REV2  
LI,R1 30  
BAL,SR4 ERROR  
MTW,0 JIJIT  
BLZ \*+2  
CAL1,1 TOPPAGE  
BAL,SR4 LIST  
MTW,0 JIJIT  
BLZ REV3  
CAL1,1 TOPPAGE  
PLW,SR4 \*R7  
B \*SR4  
LI,R1 8  
BAL,SR4 ERROR  
B REV3  
CI,R1 X'15'  
BE REV3  
LI,R1 17  
B REV5+1

END OF STATEMENT  
INVALID DELIMITER

ONLINE MODE  
DB TOP-OF-PAGE FOR BATCH  
PROCESS REVIEW COMMAND

ONLINE MODE  
DB TOP-OF-PAGE

FILE RANGE SPECIFICATION INVALID

END OF COMMAND  
SYNTAX ERROR

Line	Code	Address	Label	Page	Comments
726				PAGE	
727	02	001A8	02200070 A	LCI	7
728	02	001A9	8A500007 A	PSM,R5	*R7
729	02	001AA	225000DD A	LI,R5	TABSET
730	02	001AB	30500007 A	AW,R5	R7
731	02	001AC	22600000 A	LI,R6	0
732	02	001AD	22100003 A	LI,R1	3
733	02	001AE	8B620005 A	STW,R6	*R5,R1
734	02	001AF	641001AE	BDR,R1	*-1
735	02	001B0	3B6A0000 A	STW,R6	0,R5
736	02	001B1	21600010 A	CI,R6	16
737	02	001B2	6B3001C8	BE	TABSERR2
738	02	001B3	6AB00000 X	BAL,SR4	GETARG
739	02	001B4	22100000 A	LI,R1	0
740	02	001B5	222000FF A	LI,R2	255
741	02	001B6	6AB00000 X	BAL,SR4	INTARG
742	02	001B7	20200000 A	AI,R2	0
743	02	001B8	693001C6	BNE	TABSERR
744	02	001B9	F91C0005 A	STB,R1	*R5,R6
745	02	001BA	20600001 A	AI,R6	1
746	02	001BB	321E0098 A	LW,R1	TERM,R7
747	02	001BC	2110006B A	CI,R1	1,1
748	02	001BD	6B3001B1	BE	TABS2
749	02	001BE	21100015 A	CI,R1	X'15'
750	02	001BF	6B3001C2	BE	TABSEND
751	02	001C0	22100011 A	LI,R1	17
752	02	001C1	6AB00000 X	BAL,SR4	ERROR
753	02	001C2	3B5E00E1 A	STW,R5	TABSET+4,R7
754	02	001C3	02200070 A	LCI	7
755	02	001C4	8A500007 A	PLM,R5	*R7
756	02	001C5	E800000B A	B	*SR4
757	02	001C6	2210002D A	TABSERR	LI,R1
758	02	001C7	6B0001C1	B	TABSEND=1
759	02	001C8	22100033 A	TABSERR2	LI,R1
760	02	001C9	6B0001C1	B	TABSEND=1

ADDRESS OF TAB TABLE

ZERO TABLE

MORE THAN 16 TABS SPECIFIED

YES

GET NEXT VALUE

MIN VALUE

MAX VALUE

CONVERT TO BINARY

CONVERSION OR RANGE ERROR

ENTER TAB VALUE IN TABLE

INCREMENT TAB COUNT

ANOTHER VALUE

END OF COMMAND

DELIMITER OUT OF SYNTAX

SET ADDRESS OF TAB TABLE

INVALID TAB SPECIFICATION

MORE THAN 16 VALUES ON TABS CMD



761					PAGE		
762	02	001CA	89B00007	A	TRANSACT	PSW,SR4	*R7
763					*		
764	02	001CB	35CE0090	A		STW,D1	PREVACT,R7
765					*		SAVE PREVIOUS ACTION CODE
766	02	001CC	6AB00000	X		BAL,SR4	GETARG
767					*		GET ACTION VERB
768	02	001CD	221000A0	A		LI,R1	ARGBUF4
769	02	001CE	22200001	A		LI,R2	1
770	02	001CF	F1220007	A		CB,R2	*R7,R1
771	02	001D0	693001D3			BNE	\$+3
772	02	001D1	32100207			LW,R1	=X'12000000'+CMDTBLX
773	02	001D2	680001D6			B	ACTION3+1
774	02	001D3	22200003	A		LI,R2	3
775	02	001D4	F5220007	A		STB,R2	*R7,R1
776					*		
777	02	001D5	32100208		ACTION3	LW,R1	=X'12000000'+CMDTBL
778	02	001D6	6AB00000	X		BAL,SR4	FIXARG
779	02	001D7	2110000B	A		CI,R1	11
780	02	001D8	693001DA			BNE	\$+2
781	02	001D9	22100001	A		LI,R1	1
782	02	001DA	3510000C	A	RETURN	STW,R1	D1
783	02	001DB	88B00007	A		PLW,SR4	*R7
784	02	001DC	E800000B	A		B	*SR4
785					*		
786					*		
787		0000000U			RSTACK	EQU	0
788					*	+0	
789					*	+1	STACK POINTER
790					*	+2	HEADING FLAG
791		00000003			SYNFLAG	EQU	RSTACK+3
792		00000004			BUFSIZE	EQU	RSTACK+4
793		00000005			ERCMDBUF	EQU	BUFSIZE+1
794		00000028			ARGBUFF	EQU	ERCMDBUF+35
795		00000038			ARGTBL	EQU	ARGBUFF+16
796		0000005C			CMBX	EQU	ARGTBL+36
797		0000005U			CMDBUF	EQU	CMBX+1

HAS A SYNONYM FILE NAME BEEN ENCOUN  
 BYTE SIZE OF RD/WR BUFFER  
 ERROR COMMAND LINE POINTER BUFFER  
 CURRENT ARGUMENT BUFFER

13145 SEP 08, 1975  
 798 00000080  
 799 00000081  
 800 00000082  
 801 00000083  
 802 00000084  
 803 00000085  
 804 00000086  
 805 00000090  
 806 00000091  
 807 00000098  
 808 00000099  
 809 000000A8  
 810 000000A9  
 811 000000B1  
 812 000000B2  
 813 000000B4  
 814 000000D6  
 815 000000D7  
 816 000000D8  
 817 000000D9  
 818 000000DA  
 819 000000DL  
 820 000000DU  
 821 000000E2  
 822 000000E3  
 823 000000E4  
 824 000000E5  
 825 000000E6  
 826  
 827 00000038  
 828 00000039  
 829 0000003U  
 830 0000003E  
 831 00000042  
 832 00000047  
 833 00000048  
 834 00000049

DCBADD EQU  
 ERRFLAG EQU  
 INSWT EQU  
 IBERR EQU  
 MAXCMBX EQU  
 NCHAR EQU  
 NPAGE EQU  
 PREVACT EQU  
 RDFPT EQU  
 TERM EQU  
 TBARG EQU  
 TBSWT EQU  
 WRTFPT EQU  
 TOVER EQU  
 SFACCT EQU  
 PRNTBUF EQU  
 RECNUM EQU  
 SAVCMBX EQU  
 ATTRB EQU  
 #DELIM EQU  
 CARDSEQ EQU  
 KEY EQU  
 TABSET EQU  
 RSSAVE EQU  
 SYNONYM EQU  
 SFTEMP EQU  
 SCRATCH EQU  
 COPYSTDF EQU  
 \*  
 DEVICE EQU  
 FILE EQU  
 CODE EQU  
 MODE EQU  
 SEQUENCE EQU  
 SELECT EQU  
 CIBUSED EQU  
 CIBLEFT EQU

PCL

CMDBUF+35  
 DCBADD+1  
 ERRFLAG+10  
 INSWT+1  
 IBERR+1  
 MAXCMBX+1  
 NCHAR+1  
 NPAGE+1  
 PREVACT+1  
 RDFPT+7  
 TERM+1  
 TBARG+15  
 TBSWT+1  
 WRTFPT+8  
 TOVER+1  
 SFACCT+2  
 PRNTBUF+34  
 RECNUM+1  
 SAVCMBX+1  
 ATTRB+1  
 #DELIM+1  
 CARDSEQ+2  
 KEY+1  
 TABSET+5  
 RSSAVE+1  
 SYNONYM+1  
 SFTEMP+1  
 SCRATCH+1  
 ARGTBL  
 DEVICE+3  
 FILE+2  
 CODE+1  
 MODE+4  
 SEQUENCE+5  
 SELECT+1  
 CIBUSED+1

CURRENT DCB ADDRESS

OUTPUT ACTION VERB  
 STD FILE ACCT FLAG  
 HEX DUMP PRINT BUF (EVEN ADR)  
 NUMBER OF CURRENT RECORD  
 CMBX SAVE WORD  
 ATTRIBUTE FLAG  
 # DELIMITER FLAG  
 2-WORD SEQUENCE INFORMATION

SYNON FLAG  
 NAME OF TEMP STD FILE  
 SCRATCH TAPE SN

ARGUMENT TABLE LAYOUT

PCL

835	0000004A	CIBTOTAL	EQU	CIBLEFT+1	
836	0000004B	CIWORD	EQU	CIBTOTAL+1	
837	0000004C	RECSIZE	EQU	CIWORD+1	
838	0000004D	CISEQ	EQU	RECSIZE+1	
839	000000E7	COBUSED	EQU	COPYSTDF+1	
840	000000E8	COBLEFT	EQU	COBUSED+1	
841	000000E9	COWORD	EQU	COBLEFT+1	
842	000000EA	CONTPTR	EQU	COWORD+1	CONT STMT POINTER
843	000000EB	CONTMODE	EQU	CONTPTR+1	CONT STMT FLAG
844	000000EC	TELCONT	EQU	CONTMODE+1	TEL CONT STMT FLAG
845	000000ED	EXPIRE	EQU	TELCONT+1	EXP DATE -3-WD TEXTC FORMAT
846	000000FU	IN\$ARG	EQU	EXPIRE+3	
847	000000F1	OUT\$ARG	EQU	IN\$ARG+1	
848	000000F2	DEV\$IN	EQU	OUT\$ARG+1	
849	000000F3	DEV\$OUT	EQU	DEV\$IN+1	
850	000000F4	DEV\$SAV	EQU	DEV\$OUT+1	
851	000000F5	DEV\$SAV1	EQU	DEV\$SAV+1	
852	000000F6	CMBXHLD	EQU	DEV\$SAV1+1	SIDR\$SIG7=11335
853	000000F7	UNACCT	EQU	CMBXHLD+1	VEHICLE ACCOUNT.
854	000000FA	DENSITY	EQU	UNACCT+3	DENSITY CODE FOR DUAL DENSITY DRIVES.
855	000000FB	DEL\$CT	EQU	DENSITY+1	COUNTER FOR DELETE
856		*			
857	000000AU	ARGBUF4	EQU	ARGBUFF*4	BYTE EQUIVALENTS
858	FR	PRTBUF4	EQU	PRTBUF*4	
859	00000204	ERRFLG4	EQU	ERRFLAG*4	
860		*			
861	00000047	RDACCT	EQU	SELECT	TABLE OF READ ACCTS
862	000000B4	WRTACCT	EQU	PRNTBUF	TABLE OF WRITE ACCTS
863	000000C5	EXACCT	EQU	WRTACCT+17	TABLE OF EXECUTE ACCTS.
864	000000FF	TLBLSIZE	EQU	255	BYTE SIZE OF TLABEL
865	0000010U	CONTINUE	EQU	256	CONT STMT CONCAT AREA
866	0000020U	I\$BUF	EQU	512	
867	00000223	FPARAM	EQU	I\$BUF+35	
868	0000030U	OPNFPT	EQU	I\$BUF+256	
869	000001D5	LINE#N0	EQU	I\$BUF-43	
870	000001D6	LINE#N01	EQU	I\$BUF-42	
871	000001D7	LINE#N02	EQU	I\$BUF-41	

```

872      000001D8      PRTBUF      EQU      I0BUF=40
873      000001FB      SEGNUM      EQU      I0BUF=5
874      000001FU      LINENB      EQU      I0BUF=3
875      000001D8      STRDFPT     EQU      PRTBUF          STD FILE READ FPT
876      *
877      CMBXDIFF      EQU      CMDBUF+CMDBUF+CMDBUF+CMDBUF-ERCMDBUF-ERCMDBUF;
878      0000016U      -ERCMDBUF-ERCMDBUF
879      *
880      02 001DD      00000010 A      CMDTBL      DATA      CMDTBL1=s      COMMAND ACTION VERB TABLE
881      02 001DE      03E3D640 A      TEXTC      !T9 !
882      02 001DF      03C3D6D7 A      TEXTC      !COP!
883      02 001E0      03C4C5D3 A      TEXTC      !DEL!
884      02 001E1      03C5D5C4 A      TEXTC      !END!
885      02 001E2      03D3C9E2 A      TEXTC      !LIS!
886      02 001E3      03D9C5D4 A      TEXTC      !REM!
887      02 001E4      03D9C5E6 A      TEXTC      !REW!
888      02 001E5      03E2D7C6 A      TEXTC      !SPF!
889      02 001E6      03E2D7C5 A      TEXTC      !SPE!
890      02 001E7      03E6C5D6 A      TEXTC      !WE0!
891      02 001E8      03D6D540 A      TEXTC      !BN !          11
892      02 001E9      03D6E5C5 A      TEXTC      !VE!          12
893      02 001EA      03E3C1C2 A      TEXTC      !TAB!
894      02 001EB      03D9C5E5 A      TEXTC      !REV!
895      02 001EC      03D7C3D3 A      TEXTC      !PCL!
896      02 001ED      0340D7C3 A      TEXTC      ! PC!          BURN BATCH PCL COMMAND
897      02 001EU      CMDTBL1     EQU      s=1
898      02 001EE      00000005 A      CMDTBLX    DATA      CMDTBLX1=s
899      02 001EF      01404040 A      TEXTC      ! !
900      02 001F0      01C34040 A      TEXTC      !C!
901      02 001F1      01C44040 A      TEXTC      !D!
902      02 001F2      01C54040 A      TEXTC      !E!
903      02 001F3      01D34040 A      TEXTC      !L!
904      02 001F3      CMDTBLX1   EQU      s=1
905      02 001F4      DB1        DATA      VERSION#1
906      *S* J;JIT      DATA      0
907      *

```

SIMULATE JIT FOR BATCH MODE TESTING UNDER BPM

LINE	OP	ADDR	DATA	INT	PAGE	VERSION#2	COMMENT
908					PAGE		
909			00000001		D0		
910			02 001F4	INT	EQU	\$	BREAK CONTROL ROUTINE
911	02	001F4	39100000	07	MTW,1	BREAK	SET BREAK
912	02	001F5	2231FFFF	A	LI,R3	X,1FFFF	
913	02	001F6	4A220000	A	LS,R2	0,R1	
914	02	001F7	21200000	N	CI,R2	REVRP	ON READ CAL OF REVIEW
915	02	001F8	693001FB		BNE	*+3	NO
916	02	001F9	22200000	N	LI,R2	LIST26	CHANGE RETURN ADR IN PSD
917	02	001FA	47220000	A	STS,R2	0,R1	
918	02	001FB	04900005	A	CAL,9	5	RETURN TO PROGRAM
919					FIN		
920					*		
921	07	00000			BREAK	DSECT	0
922	07	00000	00000000	A	DATA		0
923	07	00001			STACK	RES	511
924	07	0013F			BLKSIZE	EQU	STACK+318
925	07	00140			UNBADR	EQU	STACK+319
926	07	00141			BLKBUFF	EQU	STACK+320
927	07	00142			ANSBLK	EQU	STACK+321
928	07	00146			DVLARG	EQU	STACK+325
929	07	0016A			SFDEV	EQU	STACK+361
930	07	0016C			DELETF	EQU	STACK+363
931	07	0016D			FROMFILE	EQU	STACK+364
932					*		
933	07	00175			T0FILE	EQU	STACK+372
934					*		
935	07	0017U			RDTBL	EQU	STACK+380
936	07	0017F			WRTBL	EQU	STACK+382
937	07	00181			DATETBL	EQU	STACK+384
938	07	00189			COPYSK	EQU	STACK+392
939	07	0018A			EATTRB	EQU	STACK+393
940	07	0018C			SFARG	EQU	STACK+395
941	07	001BA			LISTCMBX	EQU	STACK+441
942	07	0018D			LISTTERM	EQU	STACK+442
943	07	0018E			FROMCMBX	EQU	STACK+443
944	07	0018U			COPYPHY	EQU	STACK+444

BREAK CONTROL ROUTINE  
 SET BREAK  
 ON READ CAL OF REVIEW  
 NO  
 CHANGE RETURN ADR IN PSD  
 RETURN TO PROGRAM  
 BREAK CONTROL FLAG  
 STACK AREA  
 SIZE OF ANS BLOCK  
 POINTER INTO ANS INPUT BLOCK  
 PTR INTO ANS OUTPUT BLOCK  
 4-WD TABLE OF ANS OPTIONS  
 DEVICE LEVEL ARGUMENTS (36 WD)  
 2 WD SAVE FOR COPYSTD DEV CODES  
 FLAG SET IF ONLINE REVIEW COMMAND  
 1ST FILE NAME ON REVIEW, COPYALL,  
 OR DELETEALL COMMAND  
 2ND FILE NAME ON REVIEW, COPYALL,  
 OR DELETEALL COMMAND  
 RD OPTION COUNT AND CMBX  
 WR OPTION COUNT AND CMBX  
 TABLE OF DATES FROM VLP  
 COPYALL SELECT FLAG  
 EXTENDED ATTRIBUTE FLAG (EA)  
 SAVE AREA FOR STD FILE ARGS  
 SAVE PTR FOR LIST MULT FIDS  
 SAVE DELIM FOR LIST MULT FIDS  
 POINTER TO END OF FROM FIELD  
 COPY TAPE IN PHYSICAL ORDER

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PCL

45

945 07 001BE  
 946 07 001BF  
 947 07 001CU  
 948 07 001C2  
 949 07 001C4  
 950 07 00200  
 951 02 00000

SFCNT EQU STACK+445  
 GRANCNT EQU STACK+446  
 EXTBL EQU STACK+447  
 UNTBL EQU STACK+449  
 TLABEL EQU STACK+451  
 USECT PCL  
 END PCL

STANDARD FILE COUNT  
 GRANULE COUNT FOR LIST(A)  
 EX OPTION COUNT AND CMBX.  
 UN OPTION COUNT AND CMBX.  
 64-WORD TAPE LABEL BUFFER.

02 001FC 01360000 A  
 02 001FD 40404040 A  
 02 001FE 40D7C3D3 A  
 02 001FF E8C1D3D3 A  
 02 00200 E8E2E3C4 A  
 02 00201 C5E3C5C1 A  
 02 00202 FFFFFFF0 A  
 02 00203 D3D34000 A  
 02 00204 0000FFFF A  
 02 00205 00000F00 A  
 02 00206 00200000 A  
 02 00207 120001EE N  
 02 00208 120001DD N

CONTROL SECTION SUMMARY: 01 00000 PT 0 02 00209 PT 1 03 00064 PT 1 04 00000 PT 0  
 05 00000 PT 1 06 00032 PT 1 07 00200 PT 0

\* SYMBOL VALUES

ACTI0N/02 000AC  
 CL0SDCB/02 00114  
 CMDTBLX1/02 001F3  
 C0NTPTR/000000EA  
 C0NT33/02 00129  
 C0NT7/02 0013C  
 DELERR/02 00196  
 D2/0000000D  
 ENDCMD1/02 000A4  
 FPTC0MD/03 00025  
 FPTC0MP/03 0002A  
 FPTGP/03 00000  
 INT/02 001F4  
 MVSTMT/02 0013E  
 PCL1/02 00067  
 PCL42/02 0008D  
 PCL8/02 00045  
 PLSECT/03 00000  
 REVC/02 0015A  
 REV4/02 00194  
 REV8/02 0017B  
 R2/00000002  
 R6/00000006  
 SR3/0000000A  
 TABSEND/02 001C2  
 TELC0NT/000000E6  
 TXTAB0RT/03 0005E

\* EXTERNAL DEFINITIONS

ANSBLK/07 00142  
 ATTRB/000000D8  
 BUFSIZE/00000004  
 CIBUSED/00000048  
 CMBXDIFF/00000160  
 C0BUSED/000000E7  
 C0PYSK/07 00189  
 DCBADD/00000080

ACTI0N3/02 001D5  
 CL0SFPT/03 00061  
 CMDTBL1/02 001ED  
 C0NT1/02 00124  
 C0NT4/02 0012C  
 C0PY1/02 000D5  
 DEL1/02 000DF  
 D3/0000000E  
 ENDPCL/02 00108  
 FPTC0MD1/03 0002C  
 FPTC0MP2/03 00031  
 FPTHERE/03 00015  
 LIS/02 000EA  
 NXCMD/02 0004F  
 PCL2/02 00095  
 PCL5/02 00062  
 PCL82/02 0003C  
 RETURN/02 001DA  
 REV1/02 0016C  
 REV5/02 001A1  
 REV9/02 00178  
 R3/00000003  
 R7/00000007  
 SR4/0000000B  
 TABSERR/02 001C6  
 TERMPCL/02 00104  
 TXTRMPCL/03 00052

ARGBUFF/00000028  
 BLKBUFF/07 00141  
 CARDSEQ/000000DA  
 CISEQ/0000004D  
 CMBXHLD/000000F6  
 C0DE/0000003D  
 C0PYSTDF/000000E6  
 DEL0CT/000000FB

ACTTBL/02 000C4  
 CMDTBL/02 001DD  
 C0NTCHK/02 00119  
 C0NT2/02 0011E  
 C0NT5/02 00130  
 C0PY2/02 000DD  
 DEL2/02 000E8  
 D4/0000000F  
 ERR0J0B/02 00113  
 FPTC0MD2/03 00033  
 FPTFILHD/03 0003D  
 FPTINT/03 00014  
 LIS2/02 000F5  
 NXCMD1/02 00052  
 PCL3/02 0004C  
 PCL6/02 00092  
 PCL88/02 0004A  
 REVA/02 00190  
 REV2/02 00198  
 REV6/02 00191  
 R0/00000000  
 R4/00000004  
 SR1/00000008  
 STACK/07 00001  
 TABSERR2/02 001C8  
 TERMPCL2/02 000FC  
 VERSI0N/00000002

ARGBUF4/000000A0  
 BLKSIZE/07 0013F  
 CIBLEFT/00000049  
 CIWORD/0000004B  
 CMDBUF/0000005D  
 C0NTINUE/00000100  
 C0WORD/000000E9  
 DELETEDF/07 0016C

BASEREG/02 00005  
 CMDTBLX/02 001EE  
 C0NTM0DE/000000EB  
 C0NT3/02 00128  
 C0NT6/02 00132  
 C0PY3/02 000DB  
 D1/0000000C  
 ENDCMD/02 000C3  
 FPTAB0RT/03 00059  
 FPTC0MD3/03 00038  
 FPTFILNM/03 00047  
 FPTRMPCL/03 0004D  
 LIS5/02 000F7  
 0NLINE/02 00020  
 PCL4/02 0007A  
 PCL7/02 00078  
 PGMSG/03 00001  
 REVB/02 001A4  
 REV3/02 0019F  
 REV7/02 0018A  
 R1/00000001  
 R5/00000005  
 SR2/00000009  
 TABS/02 001A8  
 TABS2/02 001B1  
 T0PPAGE/03 0004C

ARGTBL/00000038  
 BREAK/07 00000  
 CIBTOTAL/0000004A  
 CMBX/0000005C  
 C0BLEFT/000000E8  
 C0PYPHY/07 001BD  
 DATETBL/07 00181  
 DENSITY/000000FA

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 DEV#IN/000000F2  
 DEVICE/00000038  
 ERRFLAG/00000081  
 EXTBL/07 001C0  
 FPTPR0MT/03 00013  
 IN\$ARG/000000F0  
 KEY/000000DC  
 LINE#0/000001FD  
 MODE/0000003E  
 0UT\$ARG/000000F1  
 PRNTBUF/000000B4  
 RDPFT/00000091  
 REVIEW/02 0014D  
 SCRATCH/000000E5  
 SFACCT/000000B2  
 SFTEMP/000000E4  
 TABSET/000000DD  
 TBARG/00000099  
 TRANSACT/02 001CA  
 WRTACCT/000000B4

\* PRIMARY REFERENCES

ADDFILEN	COPYALL
FIXARG	GETARG
LIST26	MID6
PRTER	KEVRP

DEV#0UT/000000F3  
 DVLARG/07 00146  
 ERRFLG4/00000204  
 FILE/0000003B  
 FROMCMBX/07 001BC  
 INSWT/0000008B  
 LINE#0/000001D5  
 LISTCMBX/07 001BA  
 NCHAR/0000008E  
 PATCH/06 00000  
 PRTBUF/000001D8  
 RDTBL/07 0017D  
 RSSAVE/000000E2  
 SELECT/00000047  
 SFARG/07 0018C  
 STRDPFT/000001D8  
 TERM/00000098  
 T0FILE/07 00175  
 UNACCT/000000F7  
 WRTBL/07 0017F

COPYT0
INTARG
MIEI
REW

PCL

DEV\$SAV/000000F4  
 EATTRB/07 0018A  
 EXACCT/000000C5  
 FPARAM/00000223  
 FROMFILE/07 0016D  
 I0BUF/00000200  
 LINE#01/000001D6  
 LISTTERM/07 0018B  
 NPAGE/0000008F  
 PCL/02 00000  
 PRTBUF4/00000760  
 RECNUM/000000D6  
 RSTACK/00000000  
 SEQNUM/000001FB  
 SFCNT/07 001BE  
 SYNFLAG/00000003  
 TLABEL/07 001C4  
 T0SWT/000000A8  
 UNBADR/07 00140  
 WRTFPT/000000A9

DELETE	DELETEAL
J:CCBUF	J:JIT
M:LL	M:LB
SPE	SPF

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DEV\$SAV1/000000F5  
 ERCMDBUF/00000005  
 EXPIRE/000000ED  
 FPTC0NSL/03 0001E  
 GRANCNT/07 001BF  
 I0ERR/0000008C  
 LINE#02/000001D7  
 MAXCMBX/0000008D  
 0PNFPT/00000300  
 PREVACT/00000090  
 RDACCT/00000047  
 RECSIZE/0000004C  
 SAVCMBX/000000D7  
 SEQUENCE/00000042  
 SFDEV/07 0016A  
 SYN0NYM/000000E3  
 TLBLSIZE/000000FF  
 T0VER/000000B1  
 UNTBL/07 001C2  
 #DELIM/000000D9

DEVTRAN	ERR0R
JB:CCARS	LIST
M:SI	M:UC
UNPRINT	WEBF

- \* NO SECONDARY REFERENCES
- \* NO UNDEFINED SYMBOLS
- \* ERROR SEVERITY LEVEL: 0
- \* NO ERROR LINES