

00010

XLIST

Ø197Ø

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00030
00040 ;CALLED FROM COMMAND DECODER WHICH IS CALLED FROM CLOCK ROUTINE
00050 ;WITH FOLLOWING ACS SET:
00060 ;TAC= BYTE POINTER TO COMMAND STRING(SPACE OR CR AFTER COMMAND NAME)
00070 ;ITEM = JOB NUMBER
00080 ;DAT = BYTE POINTER TO LAST OUTPUT CHARACTER
00090 ;DEV DAT= ADDRESS OF DEVICE DATA BLOCK INITIATING COMMAND
00100 ;JDAT = ADDRESS OF JOB DATA AREA, = 0 IF NO JOB AREA
00110
00120 ;UPON RETURN FROM COMMAND SETUP ROUTINE, A CR-LF IS ADDED IF
00130 ;NEEDED AND TTY IS STARTED
00140
00150 ;SINCE THE COMMAND DECODER IS CALLED FROM THE CLOCK ROUTINE
00160 ;COMMAND SETUP ROUTINES MUST RUN TO COMPLETION QUICKLY
00170 ;IF A COMMAND FUNCTION CANNOT DO THIS, IT MUST JUST SET
00180 ;THE JOB TO A RUNABLE STATUS AND RETURN I MEDIATELY
00190
00200
00210 ; "IJOB" - INITIALIZE JOB
00220 INTERNAL IJOB
00230 EXTERNAL RADX10, JOBINI, JOBKIL, CRLF, MONJOB
00240
000000 254000 000000 00250 IJOB: JRST JOBINI
00260
00270 ;PRINT JOB NUMBER
00280
00290 INTERNAL PJOB
000001 200040 000004 00300 PJOB: MOVE TAC, ITEM
000002 260140 000000 00310 PUSHJ PDP, RADX10
000003 254000 000000 00320 JRST CRLF
00330
00340 ;KILL JOB(MUST HAVE CORE ASSIGNED)
00350
00360 INTERNAL KJOB
000004 254000 000000 00370 KJOB: JRST JOBKIL
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00380
00390 ; "START L" OR "START" - START AT LOC. L OR STARTING ADDRESS
00400 INTERNAL START
00410 EXTERNAL OCTIN, JOBSA, START1, COMERA, STARTU, CPOPJ, CPOPJ1, STARTM
00420
000005 260140 000013' 00430 START: PUSHJ PDP, STRT
000006 254000 000000 00440 JRST COMERA ;ERROR
000007 254000 000000 00450 JRST STARTU ;GO SET JOB TO START(CONSOLE IN USER MO
00460
; "STARTC L" OR "STARTC" - START AT LOC. L(TTY IN COMMAND MODE)
00470
00480
00490 INTERNAL STARTC
00500 EXTERNAL STARTM
00510
000010 260140 000013' 00520 STARTC: PUSHJ PDP, STRT
000011 254000 000006' 00530 JRST COMERA ;ERROR
000012 254000 000000 00540 JRST STARTM ;FO SET JOB TO START(TTY IN COM. MODE)
00550
;ROUTINE TO SCAN ARGUMENT
00560
00570
000013 260140 000000 00580 STRT: PUSHJ PDP, OCTIN ;CONVERT OCTAL NO.
000014 254000 000016' 00590 JRST ST2 ;EITHER NO NUMBER OR ERROR
000015 254000 000020' 00600 JRST ST3 ;START JOB C(TAC1)
00610
000016 326100 000000 00620 ST2: JUMPN TAC1, CPOPJ ;NOT A NUMBER IF NON-ZERO
000017 550111 000000 00630 HRRZ TAC1, JOBSA(JDAT) ;NO, START AT STARTING ADDRES
000020 505100 010000 00640 ST3: HRLI TAC1, 10000 ;USER MODE FLAG
000021 254000 000000 00650 JRST CPOPJ1 ;OK RETURN
    
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00660
00670 ; "CONT" - CONTINUE EXECUTION FROM WHERE LEFT OFF
00680 INTERNAL CONT
00690 EXTERNAL CONTU,CONMES,JBTSTS
00700
000022 205100 002000 00710 CONT:   MOVSI TAC1, JERR
000023 616104 000000 00720         TDNN TAC1, JBTSTS(ITEM)           ;IS JOB ERROR BIT SET?
000024 254000 000000 00730         JRST CONTU                       ;NO, GO SET JOB TO CONTINUE
000025 265040 000000 00740 CONTA:  JSP TAC,CONMES           ;YES, PRINT CANT CONTINUE
00750
000026 416031 623650 00760         ASCIIZ /CAN'T CONTINUE
000027 202071 747250
000030 446352 542432
000031 050000 000000 00770 /
00780
00790 ; "CONTC" - CONTINUE EXECUTION(TTY REMAINS IN COMMAND MODE)
00800
00810 INTERNAL CONTC
00820 EXTERNAL CONTM
00830
000032 205100 002000 00840 CONTC:  MOVSI TAC1, JERR
000033 616104 000023' 00850         TDNN TAC1, JBTSTS(ITEM)           ;IS JOB ERROR BIT SET?
000034 254000 000000 00860         JRST CONTM                       ;NO
000035 254000 000025' 00870         JRST CONTA                       ;YES
00880
00890 ; "DDT" - START EXECUTION AT DDT IN USER AREA
00900 INTERNAL DDTGO
00910 EXTERNAL JOBDDT,STARTU
00920
000036 550111 000000 00930 DDTGO:  HRRZ TAC1, JOBDDT(JDAT)       ;GET DDT STARTING ADDRESS
000037 326100 000043' 00940         JUMPN TAC1,DDT1                 ;GO START JOB IF NON-ZERO
000040 265040 000025' 00950         JSP TAC,CONMES                 ;ZERO, PRINT"NO DDT"
00960
00970         ASCII /NO DDT
00980 /
00990
000043 505100 010000 01000 DDT1:   HRLI TAC1,USRMOD           ;USER MODE BIT
000044 254000 000007' 01010         JRST STARTU                       ;GO SET TO RUN JOB
01020 ;DIGITAL MAYNARD
01030
01040 INTERNAL DIGITAL
01050
000045 265040 000040' 01060 DIGITAL: JSP TAC,CONMES
000046 442131 446236 01070         ASCIIZ /HELLO
000047 064240 000000 01080 /

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01090
01100
01110
01120
01130 ; "CORE #" - ASSIGNS #*1024 WORDS OF CORE TO JOB
01140 ; "CORE" WITH NO ARGUMENT IS EQUIVALENT TO "CORE 0"
01150
01160 INTERNAL CORE
01170 EXTERNAL CORE1,DECIN,ANYRIN,CONMES,COMERA,NOTENF
01180 EXTERNAL JOBPFI,JBTADR,CPOPJ,JOBPRT,JOBPR1,JOBZER
01190 EXTERNAL RADX10
01200
000050 260140 000000 01210 CORE: PUSHJ PDP, DECIN ;GET NO. OF 1K BLOCKS
000051 254000 000077' 01220 JRST COR3 ;ERROR
000052 336040 000002 01230 SKIPN TAC,TAC1 ;IS ZERO BEING ASKED FOR?
000053 326440 000000 01240 JUMPN JDAT,JOBZER ;YES, RELEASE ALL DEVICES IF THERE WAS
000054 260140 000000 01250 PUSHJ PDP,CORE1
000055 254000 000065' 01260 JRST COR2 ;CORE NOT AVAILABLE (AC TAC = BLO CKS L
000056 550444 000000 01270 HRRZ JDAT, JBTADR(ITEM) ;CORE GRANTED, CLEAR PART OF
000057 322440 000016' 01280 JUMPE JDAT, CPOPJ ;UNLESS ALL CORE WAS RETURNED
000060 402011 000000 01290 SETZM JOBPRT(JDAT) ;CLEAR PART PROTECTED FROM IO
000061 505051 000060' 01300 HRLI TAC,JOBPRT(JDAT)
000062 541051 000000 01310 HRLI TAC, JOBPR1(JDAT)
000063 251051 000000 01320 BLT TAC, JOBPFI(JDAT)
000064 263140 000000 01330 POPJ PDP,
01340
000065 260140 000002' 01350 COR2: PUSHJ PDP,RADX10 ;PRINT NO. OF FREE 1K BLOCKS LEFT
000066 265040 000045' 01360 JSP TAC,CONMES
01370
000067 202152 242612 01380 ASCIZ / FREE 1K BLOCKS LEFT, NONE ASSIGNED
000070 201431 320204
000071 462370 345646
000072 202310 543250
000073 261011 647634
000074 425010 151646
000075 446171 642610
000076 064240 000000 01390 /
000077 326100 000011' 01400 COR3: JUMPN TAC1, COMERA ;NOT A NO. IF NON-ZERO, APPEND "?"
000100 254000 000000 01410 JRST NOTENF ;NOT ENOUGH ARGUMENT

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01420
01430
01440 ; "SAVE FILE-NAME" - SAVES JOB AREA ON RETRIEVABLE DEVICE
01450 ; ONLY A SAVE OR A GET IN PROGRESS FOR EACH JOB
01460 ; NO ATTEMPT IS MADE TO SAVE DEVICE ASSIGNMENTS, ACS, OR PC
01470 INTERNAL SAVE
01480 EXTERNAL SAVJOB, START1, SGSET
01490
000101 201100 000000 01500 SAVE: MOVEI TAC1, SAVJOB ; SETUP TO RUN SAVJOB
000102 254000 000000 01510 JRST SGSET
01520
01530
01540 ; "GET DEVICE:FILE-NAME" - SETS UP JOB AREA FROM RETRIEVABLE DEVICE
01550 INTERNAL GET
01560 EXTERNAL GETJOB
01570
000103 201100 000000 01580 GET: MOVEI TAC1, GETJOB ; SETUP TO RUN GET JOB
000104 254000 000102' 01590 JRST SGSET
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01600
01610 ;"ASSIGN DEV:NAME" - ASSIGNS DEV TO JOB AND GIVES IT LOGICAL NAME NAM
01620
01630 ;TEMPORARY ACS
01640     T1=BUFPNT
01650     T=BUFWRD
01660
01670 INTERNAL ASSIGN
01680 EXTERNAL CTEXT1, NOTENF, DEVLST, ASSASG, CONMES, PJOBN, ANYRDX, ERNAM
01690 EXTERNAL CRLF,DEVLG,SYSTAP
01700
000105 260140 000000 01710 ASSIGN:  PUSHJ PDP, CTEXT1    ;GET FIRST ARGUMENT
000106 322100 000100' 01720     JUMPE TAC1, NOTENF    ;NO ARGUMENT TYPED IF 0
000107 200500 000002 01730     MOVE T1, TAC1          ;SAVE DEVICE NAME
000110 261140 000001 01740     PUSH PDP, TAC         ;SAVE INPUT BYTE POINTER
000111 201100 400000 01750     MOVEI TAC1, ASSCON    ;SETUP ASSIGNED BY CONSOLE BIT
000112 554300 000000 01760 ASSN:    HLRZ DEVDAT, DEVLST
000113 312506 000000 01770 ASSG0:   CAME T1,DEVNAM(DEVDAT)    ;DOES PHYSICAL NAME MATCH?
000114 254000 000120' 01780     JRST ASSG1            ;NO
000115 260140 000000 01790     PUSHJ PDP, ASSASG    ;YES, TRY TO ASSIGN DEVICE
000116 254000 000135' 01800     JRST ASSER1          ;ALREADY ASSIGNED TO ANOTHER JOB
000117 254000 000151' 01810     JRST ASSFIN          ;ASSIGNED
01820
000120 200046 000000 01830 ASSG1:   MOVE TAC,DEVNAM(DEVDAT)    ;IS THIS THE SYSTEM TAPE?
000121 316040 000000 01840     CAMN TAC,SYSTAP
000122 254000 000131' 01850     JRST ASSG2            ;YES
000123 135540 000000 01860     LDB T, PJOBN         ;SAVE OLD JOB NUMBER FOR THIS
000124 620040 777777 01870     TRZ TAC,-1          ;COMAPRE LEFT HALF ONLY
000125 316040 000012 01880     CAMN TAC, T1
000126 260140 000115' 01890     PUSHJ PDP, ASSASG    ;MATCH, TRY TO ASSIGN IT
000127 254000 000131' 01900     JRST ASSG2            ;KEEP LOOKING
000130 322540 000151' 01910     JUMPE T,ASSFIN       ;IF OLD JOB NUMBER 0, DEVICE PREVIOUSLY
01920
000131 554306 000003 01930 ASSG2:   HLRZ DEVDAT, DEVSER(DEVDAT)
000132 326300 000113' 01940     JUMPN DEVDAT, ASSG0
000133 262140 000001 01950     POP PDP, TAC
000134 254000 000211' 01960     JRST NOTDEV          ;PRINT NO SUCH DEVICE
    
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01970
01980 ;ALREADY ASSIGNED TO ANOTHER JOB
01990
000135 262140 000001 02000 ASSER1: POP PDP, TAC
000136 201040 000144' 02010 MOVEI TAC, ASSMS2
000137 260140 000066' 02020 PUSHJ PDP, CONMES
000140 201100 000012 02030 MOVEI TAC1, +D10
000141 135040 000123' 02040 LDB TAC, PJOBN
000142 260140 000000 02050 PUSHJ PDP, ANYRDX
000143 254000 000003' 02060 JRST CRLF
02070
000144 406312 242602 02080 ASSMS2: ASCIZ /ALREADY ASSIGNED TO JOB /
000145 422624 040646
000146 516230 747212
000147 421012 447500
000150 452370 220000
02090
02100 ;DEVICE ASSIGNED, GIVE IT A LOGICAL NAME
02110
000151 262140 000001 02120 ASSFIN: POP PDP, TAC ;RESTORE INPUT BYTE POINTER
000152 261140 000006 02130 PUSH PDP, DEVDAT ;SAVE DDB ADDRESS
000153 260140 000105' 02140 PUSHJ PDP, CTEXT1 ;GET SECOND ARG, LOGICAL DEVICE NAME
000154 332040 000002 02150 SKIPE TAC, TAC1 ;IS THERE A LOGICAL NAME SPECIFIED?
000155 260140 000000 02160 PUSHJ PDP, DEVLG ;YES, SEE IF IT IS ALREADY IN USE
02170 ;BY THIS USER
000156 254000 000161' 02180 JRST ASSF1 ;NO
000157 201040 000173' 02190 MOVEI TAC, LOGERR ;YES, PRINT ERROR
000160 260140 000137' 02200 PUSHJ PDP, CONMES
000161 200303 000000 02210 ASSF1: MOVE DEVDAT, (PDP) ;RESTORE DDB ADDRESS
000162 202106 000005 02220 MOVEM TAC1, DEVLOG(DEVDAT) ;STORE IN DEVICE DATA BLOCK
000163 205100 400000 02230 MOVSI TAC1, DVDIRIN ;CLEAR DIRECTORY IN CORE BIT
000164 412106 000004 02240 ANDCAM TAC1, DEVMOD(DEVDAT)
000165 260140 000000 02250 PUSHJ PDP, ERNAM ;PRINT PHYSICAL DEVICE NAME
000166 262140 000006 02260 POP PDP, DEVDAT
000167 265040 000160' 02270 JSP TAC, CONMES
02280
000170 202032 351622 02290 ASCIZ / ASSIGNED
000171 436350 542032
000172 050000 000000 02300 /
02310
000173 462370 744606 02320 LOGERR: ASCIZ /LOGICAL NAME ALREADY IN USE, /
000174 406304 047202
000175 466124 040630
000176 512130 142262
000177 202231 620252
000200 516125 420000
    
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			02330	
			02340	
			02350	; "DEASSIGN DEV" - DEASSIGNS DEVICE FROM CONSOLE
			02360	
			02370	INTERNAL DEASSIGN, NOTDEV
			02380	EXTERNAL CTEXT1, DEVSRC, CONMES, ERNAM, DEASG, DEASTY
			02390	
000201	260140	000153'	02400	DEASSIGN: PUSHJ PDP, CTEXT1 ;GET DEVICE NAME
000202	322100	000000	02410	JUMPE TAC1, DEASTY ;NO ARG. IF 0, DEASSIGN ALL BUT TTY
000203	200040	000002	02420	MOVE TAC, TAC1 ;DEVICE NAME
000204	260140	000000	02430	PUSHJ PDP, DEVSRC ;SEARCH FOR DEVICE
000205	254000	000211'	02440	JRST DEAR1 ;NOT FOUND
000206	260140	000000	02450	PUSHJ PDP, DEASG ;FOUND, DEASSIGN IT
000207	254000	000216'	02460	JRST DEAR2 ;NOT PREVIOUSLY ASSIGNED
000210	263140	000000	02470	POPJ PDP, ;DEVICE DEASSIGNED
			02480	
			02490	NOTDEV:
000211	265040	000167'	02500	DEAR1: JSP TAC, CONMES ;PRINT NO SUCH DEVICE
			02510	
000212	472364	051652	02520	ASCIZ /NO SUCH DEVICE
000213	416204	042212		
000214	532230	342432		
000215	050000	000000	02530	/
			02540	
000216	261140	000006	02550	DEAR2: PUSH PDP, DEVDAT ;PRINT PHYSICAL DEVICE NAME
000217	260140	000165'	02560	PUSHJ PDP, ERNAM
000220	262140	000006	02570	POP PDP, DEVDAT
000221	265040	000211'	02580	JSP TAC, CONMES
			02590	
000222	202570	151634	02600	ASCIZ / WASN'T ASSIGNED
000223	236504	040646		
000224	516230	747212		
000225	420321	200000	02610	/
			02620	

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02630
02640 ; "ATTACH N" - ATTACH CONSOLE TO JOB N
02650 ;CHANGES ADDRESS OF TTY DEVICE DATA BLOCK STORED IN -1(PDP)
02660 ;BY THE COMMAND DECODER
02670
02680 INTERNAL ATTACH
02690 EXTERNAL DECIN,TTYATT,JOBN,ERNAM,CONMES,TTYFND
02700
000226 260140 000050' 02710 ATTACH:  PUSHJ PDP,DECIN      ;GET JOB NO.
000227 254000 000243' 02720          JRST ATT1                ;NOT A NUMBER OR NONE SPECIFIEED
000230 332000 000002 02730          SKIPE TAC1                ;0 IS ILLEGAL
000231 301100 000000 02740          CAIL TAC1, JOBN        ;IS JOB NUMBER TOO BIG?
000232 254000 000243' 02750          JRST ATT1                ;ILLEGAL JOB NUMBER
000233 205040 004000 02760          MOVSI TAC,JNA           ;HAS THIS JOB NO BEEN ASSIGNED?
000234 616042 000033' 02770          TDNN TAC,JBTSTS(TAC1)
000235 254000 000261' 02780          JRST ATT4                ;NO, PRINT ERROR
000236 200200 000002 02790          MOVE ITEM,TAC1        ;JOB NUMBER TO ITEM
000237 260140 000000 02800          PUSHJ PDP,TTYATT      ;NO, ATTACH TTY
000240 254000 000251' 02810          JRST ATT2                ;ERROR CANT ATTACH
000241 202303 777777 02820          MOVEM DEVDAT,-1(PDP)  ;CHANGE DEV DATA BLOCK ADDRESS
000242 254000 000000 02830          JRST TTYFND           ;ATTACHED. GO SET UP OUTP. BYTE PTR.
02840
000243 265040 000221' 02850 ATT1:   JSP TAC,CONMES
000244 446311 442616 02860          ASCIZ /ILLEGAL JOB NUMBER
000245 406304 045236
000246 411011 652632
000247 412132 206424 02870 /
000250 000000 000000
02880
000251 261140 000006 02890 ATT2:   PUSH PDP,DEVDAT
000252 260140 000217' 02900          PUSHJ PDP,ERNAM      ;PRINT TTY DEVICE NAME
000253 262140 000001 02910          POP PDP,TAC
000254 265040 000243' 02920          JSP TAC,CONMES
000255 202031 451212 02930          ASCIZ / ALREADY ATTACHED
000256 406113 120202
000257 522510 141620
000260 426101 505000 02940 /
02950
000261 265040 000254' 02960 ATT4:   JSP TAC,CONMES
000262 452370 220234 02970          ASCIZ /JOB NEVER WAS INITIATED
000263 426550 551100
000264 536032 320222
000265 472232 444602
000266 522130 406424 02980 /
000267 000000 000000
02990
03000 ; "DETACH" - DETACH CONSOLE FORM JOB
03010
03020 INTERNAL DETACH
03030 EXTERNAL TTYDET
03040
000270 350003 000000 03050 DETACH:  AOS (PDP)          ;SUPRESS CR-LF SO NO TTY DDB SETUP
000271 254000 000000 03060          JRST TTYDET          ;GO DETACH TTY
03070
03080          END,
    
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PROGRAM BREAK IS 000272

A	000000	INT
AC1	000015	INT
AC2	000016	INT
AC3	000017	INT
AL	000001	INT
ANYRDX	000142'	EXT
ANYRIN	000000	EXT
ASSASG	000126'	EXT
ASSCON	400000	INT
ASSER1	000135'	
ASSF1	000161'	
ASSFIN	000151'	
ASSG0	000113'	
ASSG1	000120'	
ASSG2	000131'	
ASSIGN	000105'	INT
ASSMS2	000144'	
ASSN	000112'	
ASSPRG	200000	INT
ATT1	000243'	
ATT2	000251'	
ATT4	000261'	
ATTACH	000226'	INT
B	000014	INT
BUFPNT	000012	INT
BUFWRD	000013	INT
CLOSR	002000	INT
CLSIN	000002	INT
CLSOUT	000001	INT
COMERA	000077'	EXT
CONMES	000261'	EXT
CONT	000022'	INT
CONTA	000025'	
CONTC	000032'	INT
CONTM	000034'	EXT
CONTU	000024'	EXT
COR2	000065'	
COR3	000077'	
CORE	000050'	INT
CORE1	000054'	EXT
CPOPJ	000057'	EXT
CPOPJ1	000021'	EXT
CRLF	000143'	EXT
CTEXT1	000201'	EXT
D	000017	INT
DAT	000005	INT
DCL	000001	INT
DCW	020000	INT
DDI	000007	INT
DDO	000006	INT
DDT1	000043'	
DDTGO	000036'	INT
DDTMEM	000037	INT
DDTSYM	000036	INT
DEAER1	000211'	

DEAER2	000216'	
DEASG	000206'	EXT
DEASSI	000201'	INT
DEASTY	000202'	EXT
DECIN	000226'	EXT
DEN	000004	INT
DETACH	000270'	INT
DEVADR	000007	INT
DEVBUF	000006	INT
DEVCHR	000001	INT
DEVCTR	000011	INT
DEVDAT	000006	INT
DEVIAD	000007	INT
DEVIOS	000002	INT
DEVLG	000155'	EXT
DEVLOG	000005	INT
DEVLST	000112'	EXT
DEVMOD	000004	INT
DEVNAM	000000	INT
DEVOAD	000010	INT
DEVPTR	000010	INT
DEVSER	000003	INT
DEVSRC	000204'	EXT
DGF	000012	INT
DIGITA	000045'	INT
DIN	000003	INT
DLK	000005	INT
DOU	000002	INT
DR	000016	INT
DRL	000000	INT
DSI	000011	INT
DSO	000010	INT
DTW	040000	INT
DVAVAL	000040	INT
DVCDR	100000	INT
DVDIR	000004	INT
DVDIRI	400000	INT
DVIN	000002	INT
DVLPT	040000	INT
DVMTA	000020	INT
DVOUT	000001	INT
DVTTY	000010	INT
ENTRB	020000	INT
ERNAM	000252'	EXT
GET	000103'	INT
GETJOB	000103'	EXT
I	000010	INT
IB	000013	INT
IBUFB	200000	INT
IJOB	000000'	INT
INITB	400000	INT
INPB	010000	INT
IO	000020	INT
IOACT	010000	INT
IOREG	000002	INT

IORKTL	040000	INT
IOCON	000040	INT
IODEND	020000	INT
IODERR	200000	INT
IODISC	400000	INT
IODONE	400000	INT
IODTER	100000	INT
IOEND	000040	INT
IOFST	000004	INT
IOIMPM	400000	INT
IONRCK	000100	INT
IORDEL	000100	INT
IORET	000020	INT
IOS	000000	INT
IOSTRT	000010	INT
IOUSE	400000	INT
IOW	000001	INT
IOWC	000020	INT
IOWS	400000	INT
ITEM	000004	INT
JBFADR	000000	INT
JBFCTR	000002	INT
JBFPTR	000001	INT
JBTADR	000056'	EXT
JBTSTS	000234'	EXT
JBUF	000005	INT
JDAT	000011	INT
JERR	002000	INT
JIOW	100000	INT
JNA	004000	INT
JORDDT	000036'	EXT
JORINI	000000'	EXT
JORKIL	000004'	EXT
JORN	000231'	EXT
JORPFI	000063'	EXT
JORPR1	000062'	EXT
JORPRT	000061'	EXT
JORSA	000017'	EXT
JORZER	000053'	EXT
KJOB	000004'	INT
LOGERR	000173'	
LOOKR	040000	INT
MONJOB	000000	EXT
MTW	010000	INT
NOTDEV	000211'	INT
NOTENF	000106'	EXT
OBUIB	100000	INT
OCTIN	000013'	EXT
OUTPB	004000	INT
PDP	000003	INT
PICHN	000100	INT
PJOB	000001'	INT
PJOBN	000141'	EXT
PROG	000007	INT
RADX10	000065'	EXT

RUN	200000	INT
RUNABL	204000	INT
SAVE	000101'	INT
SAVJOB	000101'	EXT
SGSET	000104'	EXT
ST2	000016'	
ST3	000020'	
START	000005'	INT
START1	000000	EXT
STARTC	000010'	INT
STARTM	000012'	EXT
STARTU	000044'	EXT
STRT	000013'	
SYSTAP	000121'	FXT
T	000013	
T1	000012	
TAC	000001	INT
TAC1	000002	INT
TEM	000010	INT
TTYATC	020000	INT
TTYATT	000237'	EXT
TTYDET	000271'	EXT
TTYFND	000242'	EXT
TTYUSE	010000	INT
USRM00	010000	INT
UU0	000014	INT

END OF ASSEMBLY