

MM	MM	TTTTTTTTTT	HH	HH	VV	VV	EEEEEEEEEE	CCCCCCCC	TTTTTTTTTT	000000	RRRRRRRR		
MM	MM	TTTTTTTTTT	HH	HH	VV	VV	EEEEEEEEEE	CCCCCCCC	TTTTTTTTTT	000000	RRRRRRRR		
MMMM	MMMM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MMMM	MMMM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HHHHHHHHHH	HH	VV	VV	EEEEEEEE	CC	TT	00	RRRRRRRR		
MM	MM	TT	HHHHHHHHHH	HH	VV	VV	EEEEEEEE	CC	TT	00	RRRRRRRR		
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR	
MM	MM	TT	HH	HH	VV	VV	EE	CC	TT	00	RR	RR
MM	MM	TT	HH	HH	VV	VV	EEEEEEEEEE	CCCCCCCC	TT	000000	RR	RR
MM	MM	TT	HH	HH	VV	VV	EEEEEEEEEE	CCCCCCCC	TT	000000	RR	RR

LL	IIIIII	SSSSSSSS		
LL	IIIIII	SSSSSSSS		
LL	II	SS		
LL	II	SS		
LL	II	SS		
LL	II	SS		
LL	II	SSSSSS		
LL	II	SSSSSS		
LL	II		SS	
LL	II		SS	
LL	II		SS	
LL	II		SS	
LLLLLLLLLLLL	IIIIII	SSSSSSSS		
LLLLLLLLLLLL	IIIIII	SSSSSSSS		

MTHSVECTOR
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- Entry vector for MTHRTL.EXE

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DECLARATIONS
MTHRTL Vector

```
0000 1 .TITLE MTH$VECTOR - Entry vector for MTHRTL.EXE
0000 2 .IDENT /1-002/ ; File: MTHVECTOR.MAR Edit: LEB1002
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 23 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 :++
0000 30 : FACILITY: Run-Time Library - Mathematics procedures
0000 31 :
0000 32 : ABSTRACT:
0000 33 :
0000 34 : This module contains the entry vector definitions for the
0000 35 : VAX-11 Run-Time Library shareable image MTHRTL.EXE
0000 36 :
0000 37 : ENVIRONMENT: User mode, AST Reentrant
0000 38 :
0000 39 : AUTHOR: Steven B. Lionel, CREATION DATE: 29-October-1982
0000 40 :
0000 41 : MODIFIED BY:
0000 42 :
0000 43 : 1-001 - Original. SBL 29-October-1982
0000 44 : 1-002 - Add remaining non-shared MTH$ entry points. LEB 20-May-1983
0000 45 :--
```

```
0000 47      .SBTTL  DECLARATIONS
0000 48      :
0000 49      : LIBRARY MACRO CALLS:
0000 50      :
0000 51      :     NONE
0000 52      :
0000 53      : EXTERNAL DECLARATIONS:
0000 54      :
0000 55      :     .DSABL  GBL           ; force all external symbols to be declared
0000 56      :
0000 57      : MACROS:
0000 58      :
0000 59      :
0000 60      :+
0000 61      : Macro to define an entry vector for a CALL entry point
0000 62      :-
0000 63      :
0000 64      :     .MACRO  VCALL  NAME
0000 65      :     .EXTRN  NAME
0000 66      :     .TRANSFER NAME
0000 67      :     .MASK   NAME
0000 68      :     JMP     NAME+2
0000 69      :     .ENDM
0000 70      :
0000 71      :+
0000 72      : Macro to define an entry vector for a JSB entry point
0000 73      :-
0000 74      :
0000 75      :     .MACRO  VJSB  NAME
0000 76      :     .EXTRN  NAME
0000 77      :     .TRANSFER NAME
0000 78      :     JMP     NAME
0000 79      :     .BLKB  2
0000 80      :     .ENDM
0000 81      :
0000 82      :+
0000 83      : Macro to define an alias for the next vectored entry point
0000 84      :-
0000 85      :
0000 86      :     .MACRO  ALIAS  NAME
0000 87      :     .TRANSFER NAME
0000 88      :     .ENDM
0000 89      :
0000 90      :
0000 91      :
0000 92      : EQUATED SYMBOLS:
0000 93      :
0000 94      :     NONE
0000 95      :
0000 96      : OWN STORAGE:
0000 97      :
0000 98      :     NONE
0000 99      :
0000 100     : PSECT DECLARATIONS:
0000 101     :
00000000 102     :     .PSECT $MTH$VECTOR PIC, USR, CON, REL, LCL, SHR, -
0000 103     :     EXE, RD, NOWRT, LONG
```

MTHSVECTOR
1-002

- Entry vector for MTHRTL.EXE
DECLARATIONS

0000 104

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6-SEP-1984 11:27:25 [MTHRTL.SRC]MTHVECTOR.MAR;1

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```
0000 106          .SBTTL  MTHRTL Vector
0000 107
0000 108 :+
0000 109 : Define vectored entry points for the Mathematics Procedures
0000 110 : by module in alphabetical order.
0000 111 :
0000 112 : Any additions to this file should be reflected in
0000 113 : COMS:MTHRTLVEC.DAT. All new entry points must be appended to the end
0000 114 : of the list. NEVER change existing entries unless you are sure that
0000 115 : what you do won't break existing programs.
0000 116 :-
0000 117
0000 118
0000 119 : Module MTH$ACOS
0000 120
0000 121          VCALL  MTH$ACOS
0008 122          VCALL  MTH$ACOSD
0010 123          VJSB   MTH$ACOSD_R4
0018 124          VJSB   MTH$ACOS_R4
0020 125          VJSB   MTH$ACOS_R5
0028 126
0028 127 : Module MTH$ASIN
0028 128
0028 129          VCALL  MTH$ASIN
0030 130          VJSB   MTH$ASIN_R2
0038 131
0038 132 : Module MTH$ALOG
0038 133
0038 134          VCALL  MTH$ALOG
0040 135          VCALL  MTH$ALOG10
0048 136          VJSB   MTH$ALOG10_R5
0050 137          VCALL  MTH$ALOG2
0058 138          VJSB   MTH$ALOG_R5
0060 139
0060 140 : Module MTH$AMOD
0060 141
0060 142          VCALL  MTH$AMOD
0068 143
0068 144 : Module MTH$ANINT
0068 145
0068 146          VCALL  MTH$ANINT
0070 147
0070 148 : Module MTH$ASIN
0070 149
0070 150          VCALL  MTH$ASIN
0078 151          VCALL  MTH$ASIND
0080 152          VJSB   MTH$ASIND_R4
0088 153          VJSB   MTH$ASIN_R4
0090 154          VJSB   MTH$ASIN_R5
0098 155
0098 156 : Module MTH$ATAN
0098 157
0098 158          VCALL  MTH$ATAN
00A0 159          VCALL  MTH$ATAN2
00A8 160          VCALL  MTH$ATAND
00B0 161          VCALL  MTH$ATAND2
00B8 162          VJSB   MTH$ATAND_R4
```

```
00C0 163          VJSB   MTH$ATAN_R4
00C8 164
00C8 165 ; Module MTH$ATANH
00C8 166
00C8 167          VCALL  MTH$ATANH
00D0 168
00D0 169 ; Module MTH$CABS
00D0 170
00D0 171          VCALL  MTH$CABS
00D8 172
00D8 173 ; Module MTH$CDABS
00D8 174
00D8 175          VCALL  MTH$CDABS
00E0 176
00E0 177 ; Module MTH$CDEXP
00E0 178
00E0 179          VCALL  MTH$CDEXP
00E8 180
00E8 181 ; Module MTH$CDLOG
00E8 182
00E8 183          VCALL  MTH$CDLOG
00F0 184
00F0 185 ; Module MTH$CDSINCOS
00F0 186
00F0 187          VCALL  MTH$CDCOS
00F8 188          VCALL  MTH$CDSIN
0100 189
0100 190 ; Module MTH$CDSQRT
0100 191
0100 192          VCALL  MTH$CDSQRT
0108 193
0108 194 ; Module MTH$CEXP
0108 195
0108 196          VCALL  MTH$CEXP
0110 197
0110 198 ; Module MTH$CGABS
0110 199
0110 200          VCALL  MTH$CGABS
0118 201
0118 202 ; Module MTH$CGEXP
0118 203
0118 204          VCALL  MTH$CGEXP
0120 205
0120 206 ; Module MTH$CGLOG
0120 207
0120 208          VCALL  MTH$CGLOG
0128 209
0128 210 ; Module MTH$CGSINCOS
0128 211
0128 212          VCALL  MTH$CGCOS
0130 213          VCALL  MTH$CGSIN
0138 214
0138 215 ; Module MTH$CGSQRT
0138 216
0138 217          VCALL  MTH$CGSQRT
0140 218
0140 219 ; Module MTH$CLOG
```



```
0300 334          VJSB  MTH$EXP_R4
0308 335
0308 336 ; Module MTH$GACOS
0308 337
0308 338          VCALL  MTH$GACOS
0310 339          VCALL  MTH$GACOSD
0318 340          VJSB  MTH$GACOSD_R7
0320 341          VJSB  MTH$GACOS_R7
0328 342          VJSB  MTH$GACOS_R9
0330 343
0330 344 ; Module MTH$GASIN
0330 345
0330 346          VCALL  MTH$GASIN
0338 347          VCALL  MTH$GASIND
0340 348          VJSB  MTH$GASIND_R7
0348 349          VJSB  MTH$GASIN_R7
0350 350          VJSB  MTH$GASIN_R9
0358 351
0358 352 ; Module MTH$GATAN
0358 353
0358 354          VCALL  MTH$GATAN
0360 355          VCALL  MTH$GATAN2
0368 356          VCALL  MTH$GATAND
0370 357          VCALL  MTH$GATAND2
0378 358          VJSB  MTH$GATAND_R7
0380 359          VJSB  MTH$GATAN_R7
0388 360
0388 361 ; Module MTH$GATANH
0388 362
0388 363          VCALL  MTH$GATANH
0390 364
0390 365 ; Module MTH$GCOSH
0390 366
0390 367          VCALL  MTH$GCOSH
0398 368
0398 369 ; Module MTH$GEXP
0398 370
0398 371          VCALL  MTH$GEXP
03A0 372          VJSB  MTH$GEXP_R6
03A8 373          VJSB  MTH$GEXP_R7
03B0 374
03B0 375 ; Module MTH$GINT
03B0 376
03B0 377          VCALL  MTH$GINT
03B8 378          VJSB  MTH$GINT_R4
03C0 379
03C0 380 ; Module MTH$GLOG
03C0 381
03C0 382          VCALL  MTH$GLOG
03C8 383          VCALL  MTH$GLOG10
03D0 384          VJSB  MTH$GLOG10_R8
03D8 385          VCALL  MTH$GLOG2
03E0 386          VJSB  MTH$GLOG_R8
03E8 387
03E8 388 ; Module MTH$GMOD
03E8 389
03E8 390          VCALL  MTH$GMOD
```

MTH
Sym

OTS
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MAC

```
03F0 391
03F0 392 ; Module MTH$GNINT
03F0 393
03F0 394          VCALL  MTH$GNINT
03F8 395
03F8 396 ; Module MTH$GPROD
03F8 397
03F8 398          VCALL  MTH$GPROD
0400 399
0400 400 ; Module MTH$GSINCOS
0400 401
0400 402          VCALL  MTH$GCOS
0408 403          VCALL  MTH$GCOSD
0410 404          VJSB   MTH$GCOSD_R7
0418 405          VJSB   MTH$GCOS_R7
0420 406          VCALL  MTH$GSIN
0428 407          VCALL  MTH$GSINCOS
0430 408          VCALL  MTH$GSINCOSD
0438 409          VJSB   MTH$GSINCOSD_R7
0440 410          VJSB   MTH$GSINCOS_R7
0448 411          VCALL  MTH$GSIND
0450 412          VJSB   MTH$GSIND_R7
0458 413          VJSB   MTH$GSIN_R7
0460 414
0460 415 ; Module MTH$GSINH
0460 416
0460 417          VCALL  MTH$GSINH
0468 418
0468 419 ; Module MTH$GSQRT
0468 420
0468 421          VCALL  MTH$GSQRT
0470 422          VJSB   MTH$GSQRT_R5
0478 423
0478 424 ; Module MTH$GTAN
0478 425
0478 426          VCALL  MTH$GTAN
0480 427          VCALL  MTH$GTAND
0488 428          VJSB   MTH$GTAND_R7
0490 429          VJSB   MTH$GTAN_R7
0498 430
0498 431 ; Module MTH$GTANH
0498 432
0498 433          VCALL  MTH$GTANH
04A0 434
04A0 435 ; Module MTH$HACOS
04A0 436
04A0 437          VCALL  MTH$HACOS
04A8 438          VCALL  MTH$HACOSD
04B0 439          VJSB   MTH$HACOSD_R8
04B8 440          VJSB   MTH$HACOS_R8
04C0 441
04C0 442 ; Module MTH$HASIN
04C0 443
04C0 444          VCALL  MTH$HASIN
04C8 445          VCALL  MTH$HASIND
04D0 446          VJSB   MTH$HASIND_R8
04D8 447          VJSB   MTH$HASIN_R8
```

```
04E0 448
04E0 449 ; Module MTH$HATAN
04E0 450
04E0 451          VCALL  MTH$HATAN
04E8 452          VCALL  MTH$HATAN2
04F0 453          VCALL  MTH$HATAND
04F8 454          VCALL  MTH$HATAND2
0500 455          VJSB   MTH$HATAND_R8
0508 456          VJSB   MTH$HATAN_R8
0510 457
0510 458 ; Module MTH$HATANH
0510 459
0510 460          VCALL  MTH$HATANH
0518 461
0518 462 ; Module MTH$HCOSH
0518 463
0518 464          VCALL  MTH$HCOSH
0520 465
0520 466 ; Module MTH$HEXP
0520 467
0520 468          VCALL  MTH$HEXP
0528 469          VJSB   MTH$HEXP_R6
0530 470
0530 471 ; Module MTH$HINT
0530 472
0530 473          VCALL  MTH$HINT
0538 474          VJSB   MTH$HINT_R8
0540 475
0540 476 ; Module MTH$HLOG
0540 477
0540 478          VCALL  MTH$HLOG
0548 479          VCALL  MTH$HLOG10
0550 480          VJSB   MTH$HLOG10_R8
0558 481          VCALL  MTH$HLOG2
0560 482          VJSB   MTH$HLOG_R8
0568 483
0568 484 ; Module MTH$HMOD
0568 485
0568 486          VCALL  MTH$HMOD
0570 487
0570 488 ; Module MTH$HNINT
0570 489
0570 490          VCALL  MTH$HNINT
0578 491
0578 492 ; Module MTH$HSINCOS
0578 493
0578 494          VCALL  MTH$HCOS
0580 495          VCALL  MTH$HCOSD
0588 496          VJSB   MTH$HCOSD_R5
0590 497          VJSB   MTH$HCOS_R5
0598 498          VCALL  MTH$HSIN
05A0 499          VCALL  MTH$HSINCOS
05A8 500          VCALL  MTH$HSINCOSD
05B0 501          VJSB   MTH$HSINCOSD_R7
05B8 502          VJSB   MTH$HSINCOS_R7
05C0 503          VCALL  MTH$HSIND
05C8 504          VJSB   MTH$HSIND_R5
```

```

05D0 505      VJSB  MTH$HSIN_R5
05D8 506
05D8 507 ; Module MTH$HSINH
05D8 508
05D8 509      VCALL  MTH$HSINH
05E0 510
05E0 511 ; Module MTH$HSQRT
05E0 512
05E0 513      VCALL  MTH$HSQRT
05E8 514      VJSB  MTH$HSQRT_R8
05F0 515
05F0 516 ; Module MTH$HTAN
05F0 517
05F0 518      VCALL  MTH$HTAN
05F8 519      VCALL  MTH$HTAND
0600 520      VJSB  MTH$HTAND_R5
0608 521      VJSB  MTH$HTAND_R7
0610 522      VJSB  MTH$HTAN_R5
0618 523      VJSB  MTH$HTAN_R7
0620 524
0620 525 ; Module MTH$HTANH
0620 526
0620 527      VCALL  MTH$HTANH
0628 528
0628 529 ; Module MTH$RANDOM
0628 530
0628 531      VCALL  MTH$RANDOM
0630 532
0630 533 ; Module MTH$SIGN
0630 534
0630 535      VCALL  MTH$SIGN
0638 536
0638 537 ; Module MTH$SINCOS
0638 538
0638 539      VCALL  MTH$SCOS
0640 540      VCALL  MTH$SCOSD
0648 541      VJSB  MTH$SCOSD_R4
0650 542      VJSB  MTH$SCOS_R4
0658 543      VCALL  MTH$SSIN
0660 544      VCALL  MTH$SINCOS
0668 545      VCALL  MTH$SINCOSD
0670 546      VJSB  MTH$SINCOSD_R5
0678 547      VJSB  MTH$SINCOS_R5
0680 548      VCALL  MTH$SSIND
0688 549      VJSB  MTH$SSIND_R4
0690 550      VJSB  MTH$SSIN_R4
0698 551
0698 552 ; Module MTH$SINH
0698 553
0698 554      VCALL  MTH$SINH
06A0 555
06A0 556 ; Module MTH$SQRT
06A0 557
06AC 558      VCALL  MTH$SQRT
06A8 559      VJSB  MTH$SQRT_R3
06B0 560
06B0 561 ; Module MTH$SQRTF.2

```

```
06B0 562
06B0 563          VJSB  MTH$SQRT_R2
06B8 564
06B8 565 : Module MTH$STAN
06B8 566
06B8 567          VCALL  MTH$STAN
06C0 568          VCALL  MTH$STAND
06C8 569          VJSB  MTH$STAND_R4
06D0 570          VJSB  MTH$STAND_R5
06D8 571          VJSB  MTH$STAN_R4
06E0 572          VJSB  MTH$STAN_R5
06E8 573
06E8 574 : Module MTH$STANH
06E8 575
06E8 576          VCALL  MTH$STANH
06F0 577
06F0 578 : Module OTS$DIVC
06F0 579
06F0 580          VCALL  OTS$DIVC
06F8 581
06F8 582 : Module OTS$DIVCD
06F8 583
06F8 584          VCALL  OTS$DIVCD_R3
0700 585
0700 586 : Module OTS$DIVCG
0700 587
0700 588          VCALL  OTS$DIVCG_R3
0708 589
0708 590 : Module OTS$MULCD
0708 591
0708 592          VCALL  OTS$MULCD_R3
0710 593
0710 594 : Module OTS$MULCG
0710 595
0710 596          VCALL  OTS$MULCG_R3
0718 597
0718 598 : Module OTS$POWCC
0718 599
0718 600          VCALL  OTS$POWCC
0720 601
0720 602 : Module OTS$POWCDCD
0720 603
0720 604          VCALL  OTS$POWCDCD_R3
0728 605
0728 606 : Module OTS$POWCDJ
0728 607
0728 608          VCALL  OTS$POWCDJ_R3
0730 609
0730 610 : Module OTS$POWCGCG
0730 611
0730 612          VCALL  OTS$POWCGCG_R3
0738 613
0738 614 : Module OTS$POWCGJ
0738 615
0738 616          VCALL  OTS$POWCGJ_R3
0740 617
0740 618 : Module OTS$POWCJ
```

```
0740 619
0740 620          VCALL  OTSS$POWCJ
0748 621
0748 622 : Module OTSS$PCWDD
0748 623
0748 624          VCALL  OTSS$POWDD
0750 625          VCALL  OTSS$POWDR
0758 626          VCALL  OTSS$POWRD
0760 627
0760 628 : Module OTSS$POWDJ
0760 629
0760 630          VCALL  OTSS$POWDJ
0768 631
0768 632 : Module OTSS$POWDLU
0768 633
0768 634          VCALL  OTSS$POWDLU
0770 635
0770 636 : Module OTSS$POWGG
0770 637
0770 638          VCALL  OTSS$POWGG
0778 639
0778 640 : Module OTSS$POWGJ
0778 641
0778 642          VCALL  OTSS$POWGJ
0780 643
0780 644 : Module OTSS$POWGLU
0780 645
0780 646          VCALL  OTSS$POWGLU
0788 647
0788 648 : Module OTSS$POWHH
0788 649
0788 650          VCALL  OTSS$POWHH_R3
0790 651
0790 652 : Module OTSS$POWHJ
0790 653
0790 654          VCALL  OTSS$POWHJ_R3
0798 655
0798 656 : Module OTSS$POWHLU
0798 657
0798 658          VCALL  OTSS$POWHLU_R3
07A0 659
07A0 660 : Module OTSS$POWII
07A0 661
07A0 662          VCALL  OTSS$POWII
07A8 663
07A8 664 : Module OTSS$POWJJ
07A8 665
07A8 666          VCALL  OTSS$POWJJ
07B0 667
07B0 668 : Module OTSS$POWLULU
07B0 669
07B0 670          VCALL  OTSS$POWLULU
07B8 671
07B8 672 : Module OTSS$POWRJ
07B8 673
07B8 674          VCALL  OTSS$POWRJ
07C0 675
```



```

07C0 676 ; Module OTSS$POWRLU
07C0 677
07C0 678          VCALL  OTSS$POWRLU
07C8 679
07C8 680 ; Module OTSS$POWRR
07C8 681
07C8 682          VCALL  OTSS$POWRR
07D0 683
07D0 684
07D0 685 ;+
07D0 686 ; End of initial MTHRTL vector. All subsequent additions must be made
07D0 687 ; after this point.
07D0 688 ; -
07D0 689
07D0 690 ;+
07D0 691 ; All remaining MTH$ entry points which were previously non-shared, are
07D0 692 ; now shared for V3B.
07D0 693 ; -
07D0 694
07D0 695 ; Module MTH$ABS
07D0 696
07D0 697          VCALL  MTH$ABS
07D8 698          VCALL  MTH$DABS
07E0 699          VCALL  MTH$GABS
07E8 700          VCALL  MTH$HABS
07F0 701          VCALL  MTH$IABS
07F8 702          VCALL  MTH$JABS
0800 703
0800 704 ; Module MTH$BITOPS
0800 705
0800 706          VCALL  MTH$IIAND
0808 707          VCALL  MTH$IIOR
0810 708          VCALL  MTH$IIOR
0818 709          VCALL  MTH$IISHT
0820 710          VCALL  MTH$INOT
0828 711          VCALL  MTH$JIAND
0830 712          VCALL  MTH$JIEOR
0838 713          VCALL  MTH$JIOR
0840 714          VCALL  MTH$JISHT
0848 715          VCALL  MTH$JNOT
0850 716
0850 717 ; Module MTH$CONJG
0850 718
0850 719          VCALL  MTH$CONJG
0858 720
0858 721 ; Module MTH$CONVER
0858 722
0858 723          VCALL  MTH$AIMG
0860 724          VCALL  MTH$CMPLX
0868 725          VCALL  MTH$DBLE
0870 726          VCALL  MTH$DCMPLX
0878 727          VCALL  MTH$DFLOTI
0880 728          VCALL  MTH$DFLOTJ
0888 729          VCALL  MTH$DIMAG
0890 730          VCALL  MTH$DREAL
0898 731          VCALL  MTH$FLOATI
08A0 732          VCALL  MTH$FLOATJ

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08A8	733	VCALL	MTH\$GCMPLX
08B0	734	VCALL	MTH\$GDBLE
08B8	735	VCALL	MTH\$GFLOTI
08C0	736	VCALL	MTH\$GFLOTJ
08C8	737	VCALL	MTH\$GIMAG
08D0	738	VCALL	MTH\$GREAL
08D8	739	VCALL	MTH\$IIDINT
08E0	740	ALIAS	MTH\$IINT
08E0	741	VCALL	MTH\$IIFIX
08E8	742	VCALL	MTH\$IIGINT
08F0	743	VCALL	MTH\$IIHINT
08F8	744	VCALL	MTH\$JIDINT
0900	745	ALIAS	MTH\$JINT
0900	746	VCALL	MTH\$JIFIX
0908	747	VCALL	MTH\$JIGINT
0910	748	VCALL	MTH\$JIHINT
0918	749	VCALL	MTH\$REAL
0920	750	VCALL	MTH\$SNGL
0928	751	VCALL	MTH\$SNGLG
0930	752		
0930	753	:	Module MTH\$CVTDG
0930	754		
0930	755	VCALL	MTH\$CVT_DA_GA
0938	756	VCALL	MTH\$CVT_D_G
0940	757	VCALL	MTH\$CVT_GA_DA
0948	758	VCALL	MTH\$CVT_G_D
0950	759		
0950	760	:	Module MTH\$DCONJG
0950	761		
0950	762	VCALL	MTH\$DCONJG
0958	763		
0958	764	:	Module MTH\$DFLOOR
0958	765		
0958	766	VCALL	MTH\$DFLOOR
0960	767	VJSB	MTH\$DFLOOR_R3
0968	768		
0968	769	:	Module MTH\$DIM
0968	770		
0968	771	VCALL	MTH\$DDIM
0970	772	VCALL	MTH\$DIM
0978	773	VCALL	MTH\$GDIM
0980	774	VCALL	MTH\$HDIM
0988	775	VCALL	MTH\$IIDIM
0990	776	VCALL	MTH\$JIDIM
0998	777		
0998	778	:	Module MTH\$DMAX1
0998	779		
0998	780	VCALL	MTH\$DMAX1
09A0	781		
09A0	782	:	Module MTH\$DMIN1
09A0	783		
09A0	784	VCALL	MTH\$DMIN1
09A8	785		
09A8	786	:	Module MTH\$DPROD
09A8	787		
09A8	788	VCALL	MTH\$DPROD
09B0	789		

```
09B0 790 ; Module MTH$DSIGN
09B0 791
09B0 792      VCALL  MTH$DSIGN
09B8 793
09B8 794 ; Module MTH$FLOOR
09B8 795
09B8 796      VCALL  MTH$FLOOR
09C0 797      VJSB   MTH$FLOOR_R1
09C8 798
09C8 799 ; Module MTH$GCONJG
09C8 800
09C8 801      VCALL  MTH$GCONJG
09D0 802
09D0 803 ; Module MTH$GFLOOR
09D0 804
09D0 805      VCALL  MTH$GFLOOR
09D8 806      VJSB   MTH$GFLOOR_R3
09E0 807
09E0 808 ; Module MTH$GMAX1
09E0 809
09E0 810      VCALL  MTH$GMAX1
09E8 811
09E8 812 ; Module MTH$GMIN1
09E8 813
09E8 814      VCALL  MTH$GMIN1
09F0 815
09F0 816 ; Module MTH$GSIGN
09F0 817
09F0 818      VCALL  MTH$GSIGN
09F8 819
09F8 820 ; Module MTH$HFLOOR
09F8 821
09F8 822      VCALL  MTH$HFLOOR
0A00 823      VJSB   MTH$HFLOOR_R7
0A08 824
0A08 825 ; Module MTH$HMAX1
0A08 826
0A08 827      VCALL  MTH$HMAX1
0A10 828
0A10 829 ; Module MTH$HMIN1
0A10 830
0A10 831      VCALL  MTH$HMIN1
0A18 832
0A18 833 ; Module MTH$HSIGN
0A18 834
0A18 835      VCALL  MTH$HSIGN
0A20 836
0A20 837 ; Module MTH$IIDNNT
0A20 838
0A20 839      VCALL  MTH$IIDNNT
0A28 840
0A28 841 . Module MTH$IIGNNT
0A28 842
0A28 843      VCALL  MTH$IIGNNT
0A30 844
0A30 845 ; Module MTH$IIHNNT
0A30 846
```

OTS
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0A30 847          VCALL  MTH$IIHNNT
0A38 848
0A38 849 ; Module MTH$IISIGN
0A38 850
0A38 851          VCALL  MTH$IISIGN
0A40 852
0A40 853 ; Module MTH$IMAXO
0A40 854
0A40 855          VCALL  MTH$AIMAXO
0A48 856          VCALL  MTH$IMAXO
0A50 857
0A50 858 ; Module MTH$IMINO
0A50 859
0A50 860          VCALL  MTH$AIMINO
0A58 861          VCALL  MTH$IMINO
0A60 862
0A60 863 ; Module MTH$ININT
0A60 864
0A60 865          VCALL  MTH$ININT
0A68 866
0A68 867 ; Module MTH$JIDNNT
0A68 868
0A68 869          VCALL  MTH$JIDNNT
0A70 870
0A70 871 ; Module MTH$JIGNNT
0A70 872
0A70 873          VCALL  MTH$JIGNNT
0A78 874
0A78 875 ; Module MTH$JIHNNT
0A78 876
0A78 877          VCALL  MTH$JIHNNT
0A80 878
0A80 879 ; Module MTH$JISIGN
0A80 880
0A80 881          VCALL  MTH$JISIGN
0A88 882
0A88 883 ; Module MTH$JMAXO
0A88 884
0A88 885          VCALL  MTH$AJMAXO
0A90 886          VCALL  MTH$JMAXO
0A98 887
0A98 888 ; Module MTH$JMINO
0A98 889
0A98 890          VCALL  MTH$AJMINO
0AA0 891          VCALL  MTH$JMINO
0AA8 892
0AA8 893 ; Module MTH$JNINT
0AA8 894
0AA8 895          VCALL  MTH$JNINT
0AB0 896
0AB0 897 ; Module MTH$MAX1
0AB0 898
0AB0 899          VCALL  MTH$AMAX1
0AB8 900          VCALL  MTH$IMAX1
0AC0 901          VCALL  MTH$JMAX1
0AC8 902
0AC8 903 ; Module MTH$MIN1
```

MTH\$VECTOR
1-002

- Entry vector for MTHRTL.EXE
MTHRTL Vector

N 4

16-SEP-1984 01:00:45 VAX/VMS Macro V04-00
6-SEP-1984 11:27:25 [MTHRTL.SRC]MTHVECTOR.MAR;1

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OT
Ta

```
OAC8 904
OAC8 905          VCALL MTH$AMIN1
OAD0 906          VCALL MTH$IMIN1
OAD8 907          VCALL MTH$JMIN1
OAE0 908
OAE0 909 : Module MTH$MOD
OAE0 910
OAE0 911          VCALL MTH$IMOD
OAE8 912          VCALL MTH$JMOD
OAF0 913
OAF0 914 : Module MTH$SGN
OAF0 915
OAF0 916          VCALL MTH$SGN
OAF8 917          VJSB  MTH$SGN_R1
OB00 918
OB00 919
OB00 920          .END
```

; End of module MTH\$VECTOR

MTH\$VECTOR
Symbol table

- Entry vector for MTHRTL.EXE

B 5

16-SEP-1984 01:00:45
6-SEP-1984 11:27:25

VAX/VMS Macro V04-00
[MTHRTL.SRC]MTHVECTOR.MAR;1

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OTS
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MTH\$ABS	*****	X	01	MTH\$CSIN	*****	X	01	MTH\$DSINCOS	*****	X	01
MTH\$ACOS	*****	X	01	MTH\$CSQRT	*****	X	01	MTH\$DSINCOSD	*****	X	01
MTH\$ACOSD	*****	X	01	MTH\$CVT_DA GA	*****	X	01	MTH\$DSINCOSD_R7	*****	X	01
MTH\$ACOSD_R4	*****	X	01	MTH\$CVT_D G	*****	X	01	MTH\$DSINCOS_R7	*****	X	01
MTH\$ACOS_R4	*****	X	01	MTH\$CVT_GA DA	*****	X	01	MTH\$DSIND	*****	X	01
MTH\$ACOS_R5	*****	X	01	MTH\$CVT_G D	*****	X	01	MTH\$DSIND_R7	*****	X	01
MTH\$AIMAG	*****	X	01	MTH\$DABS	*****	X	01	MTH\$DSINH	*****	X	01
MTH\$AIMAX0	*****	X	01	MTH\$DACOS	*****	X	01	MTH\$DSIN_R7	*****	X	01
MTH\$AIMINO	*****	X	01	MTH\$DACOSD	*****	X	01	MTH\$DSQRT	*****	X	01
MTH\$SAINT	*****	X	01	MTH\$DACOSD_R7	*****	X	01	MTH\$SDTAN	*****	X	01
MTH\$SAINT_R2	*****	X	01	MTH\$DACOS_R7	*****	X	01	MTH\$SDTAN_R7	*****	X	01
MTH\$SAJMAX0	*****	X	01	MTH\$DACOS_R9	*****	X	01	MTH\$SDTANH	*****	X	01
MTH\$SAJMIN0	*****	X	01	MTH\$DASIN	*****	X	01	MTH\$SDTAN_R7	*****	X	01
MTH\$SALOG	*****	X	01	MTH\$DASIND	*****	X	01	MTH\$SEXP	*****	X	01
MTH\$SALOG10	*****	X	01	MTH\$DASIND_R7	*****	X	01	MTH\$SEXP_R4	*****	X	01
MTH\$SALOC10_R5	*****	X	01	MTH\$DASIN_R7	*****	X	01	MTH\$FLOATI	*****	X	01
MTH\$SALOG2	*****	X	01	MTH\$DASIN_R9	*****	X	01	MTH\$FLOATJ	*****	X	01
MTH\$SALOG_R5	*****	X	01	MTH\$DATAN	*****	X	01	MTH\$FLOOR	*****	X	01
MTH\$SAMAXT	*****	X	01	MTH\$DATAN2	*****	X	01	MTH\$FLOOR_R1	*****	X	01
MTH\$SAMIN1	*****	X	01	MTH\$DATAND	*****	X	01	MTH\$GABS	*****	X	01
MTH\$SAMOD	*****	X	01	MTH\$DATAND2	*****	X	01	MTH\$GACOS	*****	X	01
MTH\$SANINT	*****	X	01	MTH\$DATAND_R7	*****	X	01	MTH\$GACOSD	*****	X	01
MTH\$SASIN	*****	X	01	MTH\$DATANH	*****	X	01	MTH\$GACOSD_R7	*****	X	01
MTH\$SASIND	*****	X	01	MTH\$DATAN_R7	*****	X	01	MTH\$GACOS_R7	*****	X	01
MTH\$SASIND_R4	*****	X	01	MTH\$DDBLE	*****	X	01	MTH\$GACOS_R9	*****	X	01
MTH\$SASIN_R4	*****	X	01	MTH\$DCMLX	*****	X	01	MTH\$GASIN	*****	X	01
MTH\$SASIN_R5	*****	X	01	MTH\$DCONJG	*****	X	01	MTH\$GASIND	*****	X	01
MTH\$SATAN	*****	X	01	MTH\$DCOS	*****	X	01	MTH\$GASIND_R7	*****	X	01
MTH\$SATAN2	*****	X	01	MTH\$DCOSD	*****	X	01	MTH\$GASIN_R7	*****	X	01
MTH\$SATAND	*****	X	01	MTH\$DCOSD_R7	*****	X	01	MTH\$GASIN_R9	*****	X	01
MTH\$SATAND2	*****	X	01	MTH\$DCOSH	*****	X	01	MTH\$GATAN	*****	X	01
MTH\$SATAND_R4	*****	X	01	MTH\$DCOS_R7	*****	X	01	MTH\$GATAN2	*****	X	01
MTH\$SATANH	*****	X	01	MTH\$DDIM	*****	X	01	MTH\$GATAND	*****	X	01
MTH\$SATAN_R4	*****	X	01	MTH\$DEXP	*****	X	01	MTH\$GATAND2	*****	X	01
MTH\$SCABS	*****	X	01	MTH\$DEXP_R6	*****	X	01	MTH\$GATAND_R7	*****	X	01
MTH\$SCCOS	*****	X	01	MTH\$DEXP_R7	*****	X	01	MTH\$GATANH	*****	X	01
MTH\$SCDABS	*****	X	01	MTH\$DFLOOR	*****	X	01	MTH\$GATAN_R7	*****	X	01
MTH\$SCDCOS	*****	X	01	MTH\$DFLOOR_R3	*****	X	01	MTH\$GCMLX	*****	X	01
MTH\$SCDEXP	*****	X	01	MTH\$DFLOTI	*****	X	01	MTH\$GCONJG	*****	X	01
MTH\$SCDLOG	*****	X	01	MTH\$DFLOTJ	*****	X	01	MTH\$GCOS	*****	X	01
MTH\$SCDSIN	*****	X	01	MTH\$DIM	*****	X	01	MTH\$GCOSD	*****	X	01
MTH\$SCDSQRT	*****	X	01	MTH\$DIMAG	*****	X	01	MTH\$GCOSD_R7	*****	X	01
MTH\$SCEXP	*****	X	01	MTH\$DINT	*****	X	01	MTH\$GCOSH	*****	X	01
MTH\$SCGABS	*****	X	01	MTH\$DINT_R4	*****	X	01	MTH\$GCOS_R7	*****	X	01
MTH\$SCGCOS	*****	X	01	MTH\$DLOG	*****	X	01	MTH\$GDBLE	*****	X	01
MTH\$SCGEXP	*****	X	01	MTH\$DLOG10	*****	X	01	MTH\$GDIM	*****	X	01
MTH\$SCGLOG	*****	X	01	MTH\$DLOG10_R8	*****	X	01	MTH\$GEXP	*****	X	01
MTH\$SCGSIN	*****	X	01	MTH\$DLOG2	*****	X	01	MTH\$GEXP_R6	*****	X	01
MTH\$SCGSQRT	*****	X	01	MTH\$DLOG_R8	*****	X	01	MTH\$GEXP_R7	*****	X	01
MTH\$SCLOG	*****	X	01	MTH\$DMAXT	*****	X	01	MTH\$GFLOOR	*****	X	01
MTH\$SCMLX	*****	X	01	MTH\$DMIN1	*****	X	01	MTH\$GFLOOR_R3	*****	X	01
MTH\$SCONJG	*****	X	01	MTH\$DMOD	*****	X	01	MTH\$GFLOTI	*****	X	01
MTH\$SCOS	*****	X	01	MTH\$DNINT	*****	X	01	MTH\$GFLOTJ	*****	X	01
MTH\$SCOSD	*****	X	01	MTH\$DPROD	*****	X	01	MTH\$GIMAG	*****	X	01
MTH\$SCOSD_R4	*****	X	01	MTH\$DREAL	*****	X	01	MTH\$GINT	*****	X	01
MTH\$SCOSH	*****	X	01	MTH\$DSIGN	*****	X	01				
MTH\$SCOS_R4	*****	X	01	MTH\$DSIN	*****	X	01				

MTHSVECTOR
Symbol table

- Entry vector for MTHRTL.EXE

C 5

16-SEP-1984 01:00:45
6-SEP-1984 11:27:25

VAX/VMS Macro V04-00
[MTHRTL.SRC]MTHVECTOR.MAR;1

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MTHSGINT_R4	*****	X	01	MTHSHLOG	*****	X	01	MTHSJIGNNT	*****	X	01
MTHSGLOG	*****	X	01	MTHSHLOG10	*****	X	01	MTHSJIHINT	*****	X	01
MTHSGLOG10	*****	X	01	MTHSHLOG10_R8	*****	X	01	MTHSJIHNT	*****	X	01
MTHSGLOG10_R8	*****	X	01	MTHSHLOG2	*****	X	01	MTHSJIOR	*****	X	01
MTHSGLOG2	*****	X	01	MTHSHLOG_R8	*****	X	01	MTHSJISHFT	*****	X	01
MTHSGLOG_R8	*****	X	01	MTHSHMAXT	*****	X	01	MTHSJISIGN	*****	X	01
MTHSGMAXT	*****	X	01	MTHSHMIN1	*****	X	01	MTHSJMAX0	*****	X	01
MTHSGMIN1	*****	X	01	MTHSHMOD	*****	X	01	MTHSJMAX1	*****	X	01
MTHSGMOD	*****	X	01	MTHSHNINT	*****	X	01	MTHSJMIN0	*****	X	01
MTHSGNINT	*****	X	01	MTHSHSIGN	*****	X	01	MTHSJMIN1	*****	X	01
MTHSGPROD	*****	X	01	MTHSHSIN	*****	X	01	MTHSJMOD	*****	X	01
MTHSGREAL	*****	X	01	MTHSHSINCOS	*****	X	01	MTHSJNINT	*****	X	01
MTHSGSIGN	*****	X	01	MTHSHSINCOSD	*****	X	01	MTHSJNOT	*****	X	01
MTHSGSIN	*****	X	01	MTHSHSINCOSD_R7	*****	X	01	MTHSRANDOM	*****	X	01
MTHSGSINCOS	*****	X	01	MTHSHSINCOS_R7	*****	X	01	MTHSREAL	*****	X	01
MTHSGSINCOSD	*****	X	01	MTHSHSIND	*****	X	01	MTHSSGN	*****	X	01
MTHSGSINCOSD_R7	*****	X	01	MTHSHSIND_R5	*****	X	01	MTHSSGN_R1	*****	X	01
MTHSGSINCOS_R7	*****	X	01	MTHSHSINH	*****	X	01	MTHSSIGN	*****	X	01
MTHSGSIND	*****	X	01	MTHSHSIN_R5	*****	X	01	MTHSSIN	*****	X	01
MTHSGSIND_R7	*****	X	01	MTHSHSQRT	*****	X	01	MTHSSINCOS	*****	X	01
MTHSGSINH	*****	X	01	MTHSHSQRT_R8	*****	X	01	MTHSSINCOSD	*****	X	01
MTHSGSIN_R7	*****	X	01	MTHSHTAN	*****	X	01	MTHSSINCOSD_R5	*****	X	01
MTHSGSQRT	*****	X	01	MTHSHTAND	*****	X	01	MTHSSINCOS_R5	*****	X	01
MTHSGSQRT_R5	*****	X	01	MTHSHTAND_R5	*****	X	01	MTHSSIND	*****	X	01
MTHSGTAN	*****	X	01	MTHSHTAND_R7	*****	X	01	MTHSSIND_R4	*****	X	01
MTHSGTAND	*****	X	01	MTHSHTANH	*****	X	01	MTHSSINH	*****	X	01
MTHSGTAND_R7	*****	X	01	MTHSHTAN_R5	*****	X	01	MTHSSIN_R4	*****	X	01
MTHSGTANH	*****	X	01	MTHSHTAN_R7	*****	X	01	MTHSSNGC	*****	X	01
MTHSGTAN_R7	*****	X	01	MTHSIIABS	*****	X	01	MTHSSNGLG	*****	X	01
MTHSHABS	*****	X	01	MTHSIIAND	*****	X	01	MTHSSQRT	*****	X	01
MTHSHACOS	*****	X	01	MTHSIIIDIM	*****	X	01	MTHSSQRT_R2	*****	X	01
MTHSHACOSD	*****	X	01	MTHSIIIDINT	*****	X	01	MTHSSQRT_R3	*****	X	01
MTHSHACOSD_R8	*****	X	01	MTHSIIIDNNT	*****	X	01	MTHSTAN	*****	X	01
MTHSHACOS_R8	*****	X	01	MTHSIIIEOR	*****	X	01	MTHSTAND	*****	X	01
MTHSHASIN	*****	X	01	MTHSIIIFIX	*****	X	01	MTHSTAND_R4	*****	X	01
MTHSHASIND	*****	X	01	MTHSIIIGINT	*****	X	01	MTHSTAND_R5	*****	X	01
MTHSHASIND_R8	*****	X	01	MTHSIIIGNNT	*****	X	01	MTHSTANH	*****	X	01
MTHSHASIN_R8	*****	X	01	MTHSIIHINT	*****	X	01	MTHSTAN_R4	*****	X	01
MTHSHATAN	*****	X	01	MTHSIIHNNT	*****	X	01	MTHSTAN_R5	*****	X	01
MTHSHATAN2	*****	X	01	MTHSIIIOR	*****	X	01	OTSSDIVC	*****	X	01
MTHSHATAND	*****	X	01	MTHSIIISHFT	*****	X	01	OTSSDIVCD_R3	*****	X	01
MTHSHATAND2	*****	X	01	MTHSIIISIGN	*****	X	01	OTSSDIVCG_R3	*****	X	01
MTHSHATAND_R8	*****	X	01	MTHSIIMAX0	*****	X	01	OTSSMULCD_R3	*****	X	01
MTHSHATANH	*****	X	01	MTHSIIMAX1	*****	X	01	OTSSMULCG_R3	*****	X	01
MTHSHATAN_R8	*****	X	01	MTHSIIMINO	*****	X	01	OTSSPOWCC	*****	X	01
MTHSHCOS	*****	X	01	MTHSIIMIN1	*****	X	01	OTSSPOWCCD_R3	*****	X	01
MTHSHCOSD	*****	X	01	MTHSIIMOD	*****	X	01	OTSSPOWCDJ_R3	*****	X	01
MTHSHCOSD_R5	*****	X	01	MTHSININT	*****	X	01	OTSSPOWCGC_R3	*****	X	01
MTHSHCOSH	*****	X	01	MTHSINOT	*****	X	01	OTSSPOWCGJ_R3	*****	X	01
MTHSHCOS_R5	*****	X	01	MTHSJIABS	*****	X	01	OTSSPOWCJ	*****	X	01
MTHSHDIM	*****	X	01	MTHSJIAND	*****	X	01	OTSSPOWDD	*****	X	01
MTHSHEXP	*****	X	01	MTHSJIDIM	*****	X	01	OTSSPOWDJ	*****	X	01
MTHSHEXP_R6	*****	X	01	MTHSJIDINT	*****	X	01	OTSSPOWDLU	*****	X	01
MTHSHFLOOR	*****	X	01	MTHSJIDNNT	*****	X	01	OTSSPOWDR	*****	X	01
MTHSHFLOOR_R7	*****	X	01	MTHSJIEOR	*****	X	01	OTSSPOWGG	*****	X	01
MTHSHINT	*****	X	01	MTHSJIFIX	*****	X	01	OTSSPOWJ	*****	X	01
MTHSHINT_R8	*****	X	01	MTHSJIGINT	*****	X	01	OTSSPOWGLU	*****	X	01

MTH\$VECTOR
Symbol table

- Entry vector for MTHRTL.EXE

D 5

16-SEP-1984 01:00:45
6-SEP-1984 11:27:25

VAX/VMS Macro V04-00
[MTHRTL.SRC]MTHVECTOR.MAR;1

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OTS
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OTSSPOWHH_R3	*****	X	01
OTSSPOWHJ_R3	*****	X	01
OTSSPOWHLO_R3	*****	X	01
OTSSPOWHI	*****	X	01
OTSSPOWHJ	*****	X	01
OTSSPOWLULU	*****	X	01
OTSSPOWRD	*****	X	01
OTSSPOWRJ	*****	X	01
OTSSPOWRLU	*****	X	01
OTSSPOWRR	*****	X	01

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes												
ABS	00000000 (0.)	00 (0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE			
\$MTH\$VECTOR	00000800 (2816.)	01 (1.)	PIC USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG			

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	36	00:00:00.12	00:00:00.63
Command processing	158	00:00:00.45	00:00:03.07
Pass 1	175	00:00:05.82	00:00:14.08
Symbol table sort	0	00:00:00.49	00:00:01.04
Pass 2	175	00:00:02.48	00:00:07.48
Symbol table output	31	00:00:00.19	00:00:00.25
Psect synopsis output	1	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	578	00:00:09.57	00:00:26.56

The working set limit was 1200 pages.
33785 bytes (66 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 352 non-local and 0 local symbols.
920 source lines were read in Pass 1, producing 53 object records in Pass 2.
3 pages of virtual memory were used to define 3 macros.

! Macro library statistics !

Macro library name	Macros defined
-----	-----
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/LIS=LIS\$:MTHVECTOR/OBJ=OBJ\$:MTHVECTOR MSRCS:MTHVECTOR/UPDATE=(ENHS:MTHVECTOR)

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The image displays a grid of 100 small terminal window screenshots, arranged in a 10x10 grid. Each window shows a different system command and its output. The commands are variations of 'MTHTAN LIS' and 'OTSPW... LIS'. The outputs include lists of numbers, text, and some graphical elements like bar charts or histograms. The text is small and difficult to read in detail, but the overall pattern is consistent across the grid.