


```

SSSSSSSS YY YY SSSSSSS FFFFFFFF AAAAAA 000000
SSSSSSSS YY YY SSSSSSS FFFFFFFF AAAAAA 000000
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SSSSSS YY YY SSSSSSS FFFFFFFF AA AA 00 00
SSSSSS YY YY SSSSSSS FFFFFFFF AA AA 00 00
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SS SS YY YY SS SSSSSSS FF AA AA 00 00
SSSSSS YY YY SSSSSSS FF AA AA 000000
SSSSSS YY YY SSSSSSS FF AA AA 000000

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LL LL I I I I I SSSSSSS
LL LL I I I I I SSSSSSS
LL LL I I I I I SS
LL LL I I I I I SS
LL LL I I I I I SS
LL LL I I I I I SSSSSS
LL LL I I I I I SSSSSS
LL LL I I I I I SS
LL LL I I I I I SS
LL LL I I I I I SS
LLLLLLLLLL I I I I I SSSSSSS
LLLLLLLLLL I I I I I SSSSSSS

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(2) 54

DECLARATIONS

```

0000 1      .TITLE  SYSFAO - MONITOR FAO Strings for SYSTEM class
0000 2      .IDENT  'V04-000'
0000 3
0000 4
0000 5 *****
0000 6 *
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0000 24 *
0000 25 *
0000 26 *****
0000 27
0000 28 ++
0000 29 FACILITY: VAX/VMS MONITOR Utility
0000 30
0000 31 ABSTRACT:
0000 32
0000 33 This non-executable module contains FAO control and
0000 34 text strings to support the SYSTEM class.
0000 35
0000 36 ENVIRONMENT:
0000 37
0000 38 Non-executable.
0000 39
0000 40 AUTHOR: Thomas L. Cafarella and Paul R. Senn, April, 1984
0000 41
0000 42 MODIFIED BY:
0000 43
0000 44 V03-002 TLC1085      Thomas L. Cafarella      22-Jul-1984      14:00
0000 45 Calculate scale values for Free and Modified List bar graphs.
0000 46
0000 47 V03-001 TLC1070      Thomas L. Cafarella      13-Apr-1984      14:00
0000 48 Clarify TOP text lines to include the word "Cur".
0000 49
0000 50
0000 51 --
0000 52

```

```

0000 54 .SBTTL DECLARATIONS
0000 55 .PSECT MONRODATA,QUAD,NOEXE,NOWRT
0000 56
0000 57 : INCLUDE FILES:
0000 58 :
0000 59 :
0000 60 :
0000 61 : EQUATED SYMBOLS:
0000 62 :
0000 63 :
000001B 0000 64 ESC = 27 ; escape character
0000 65
0000 66
0000 67 :
0000 68 : OWN STORAGE (Read-only):
0000 69 :
0000 70 :
0000 71 :
0000 72 SYS_BOX_STR_H:
0000 73 : CPU Busy
0B 04 59 1B 0000 74 .BYTE ESC,^A/Y/,4,11
0004 75 .ASCII \+\
25 04 59 1B 0005 76 .BYTE ESC,^A/Y/,4,37
0009 77 .ASCII \-+\
0B 05 59 1B 000B 78 .BYTE ESC,^A/Y/,5,11
000F 79 .ASCII \|\
26 05 59 1B 0010 80 .BYTE ESC,^A/Y/,5,38
0014 81 .ASCII \|\
01 06 59 1B 0015 82 .BYTE ESC,^A/Y/,6,1
2D 2B 2D 30 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 0019 83 .ASCII \CPU 0 +-----+ 100\
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 0025
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 0031
30 30 31 20 2B 2D 003D
0B 07 59 1B 0043 84 .BYTE ESC,^A/Y/,7,11
0047 85 .ASCII \|\
26 07 59 1B 0048 86 .BYTE ESC,^A/Y/,7,38
004C 87 .ASCII \|\
0B 08 59 1B 004D 88 .BYTE ESC,^A/Y/,8,11
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 0051 89 .ASCII \+-----+\
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 005D
2B 2D 2D 2D 0069
006D 90
006D 91 : Page Fault Rate
0B 0B 59 1B 006D 92 .BYTE ESC,^A/Y/,11,11
0071 93 .ASCII \+\
25 0B 59 1B 0072 94 .BYTE ESC,^A/Y/,11,37
0076 95 .ASCII \-+\
0B 0C 59 1B 0078 96 .BYTE ESC,^A/Y/,12,11
007C 97 .ASCII \|\
26 0C 59 1B 007D 98 .BYTE ESC,^A/Y/,12,38
0081 99 .ASCII \|\
01 0D 59 1B 0082 100 .BYTE ESC,^A/Y/,13,1
2D 2B 2D 30 2D 2D 59 52 4F 4D 45 4D 0086 101 .ASCII \MEMORY 0 +-----+ 100\
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 0092
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 009E
30 30 31 20 2B 2D 00AA
0B 0E 59 1B 00B0 102 .BYTE ESC,^A/Y/,14,11

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2B 01AD 149 .ASCII \+\
4A 12 59 1B 01AE 150 .BYTE ESC,^A/Y/,18,74
2B 2D 01B 151 .ASCII \-+\
30 13 59 1B 01B4 152 .BYTE ESC,^A/Y/,19,48
7C 01B8 153 .ASCII \|\
4B 13 59 1B 01B9 154 .BYTE ESC,^A/Y/,19,75
7C 01BD 155 .ASCII \|\
2E 14 59 1B 01BE 156 .BYTE ESC,^A/Y/,20,46
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 01C2 157 .ASCII \0 +-----+ 150\
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 01CE
2D 2D 2D 2D 01DA
30 15 59 1B 01E4 158 .BYTE ESC,^A/Y/,21,48
7C 01E8 159 .ASCII \|\
4B 15 59 1B 01E9 160 .BYTE ESC,^A/Y/,21,75
7C 01ED 161 .ASCII \|\
30 16 59 1B 01EE 162 .BYTE ESC,^A/Y/,22,48
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 01F2 163 .ASCII \+-----+\
2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 2D 01FE
2B 2D 2D 2D 020A
020E 164 SBS_END_H:
020E 165
020E 166 SYS_BOX_STR_LEN_H::
020E 167 .WORD SBS_END_H-SYS_BOX_STR_H
0210 168
0210 169 SYS_BOX_STR_G::
0210 170
46 1B 0210 171 .BYTE ESC,^A/F/ : Set alternate graphics
0212 172
0212 173 ; CPU Busy
0B 04 59 1B 0212 174 .BYTE ESC,^A/Y/,4,11
6C 0216 175 .ASCII \|\
25 04 59 1B 0217 176 .BYTE ESC,^A/Y/,4,37
6B 71 021B 177 .ASCII \qk\
0B 05 59 1B 021D 178 .BYTE ESC,^A/Y/,5,11
78 0221 179 .ASCII \x\
26 05 59 1B 0222 180 .BYTE ESC,^A/Y/,5,38
78 0226 181 .ASCII \x\
01 06 59 1B 0227 182 .BYTE ESC,^A/Y/,6,1
71 74 20 30 20 20 20 20 20 55 50 43 022B 183 .ASCII \CPU 0 tqqqqqqqqqqqqqqqqqqqqqqqqqqqq 100\
71 71 71 71 71 71 71 71 71 71 71 71 0237
71 71 71 71 71 71 71 71 71 71 71 71 0243
30 30 31 20 75 71 024F
0B 07 59 1B 0255 184 .BYTE ESC,^A/Y/,7,11
78 0259 185 .ASCII \x\
26 07 59 1B 025A 186 .BYTE ESC,^A/Y/,7,38
78 025E 187 .ASCII \x\
0B 08 59 1B 025F 188 .BYTE ESC,^A/Y/,8,11
71 71 71 71 71 71 71 71 71 71 71 71 6D 0263 189 .ASCII \mqqqqqqqqqqqqqqqqqqqqqqqqqqqj\
71 71 71 71 71 71 71 71 71 71 71 71 026F
6A 71 71 71 027B
027F 190
027F 191 ; Page Fault Rate
0B 08 59 1B 027F 192 .BYTE ESC,^A/Y/,11,11
6C 0283 193 .ASCII \|\
25 0B 59 1B 0284 194 .BYTE ESC,^A/Y/,11,37
6B 71 0288 195 .ASCII \qk\
0B 0C 59 1B 028A 196 .BYTE ESC,^A/Y/,12,11

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26 0C 59 1B 028E 197 .ASCII \x\
      78 028F 198 .BYTE ESC,^A/Y/,12,38
      78 0293 199 .ASCII \x\
71 74 20 30 20 20 59 52 01 0D 59 1B 0294 200 .BYTE ESC,^A/Y/,13,1
71 71 71 71 71 71 71 71 71 71 71 71 0298 201 .ASCII \MEMORY 0 tqqqqqqqqqqqqqqqqqqqqqqqqqqqq 100\
71 71 71 71 71 71 71 71 71 71 71 71 02A4
      30 30 31 20 75 71 02B0
      0B 0E 59 1B 02BC 202 .BYTE ESC,^A/Y/,14,11
      78 02C2 203 .ASCII \x\
      26 0E 59 1B 02C6 204 .BYTE ESC,^A/Y/,14,38
      78 02C7 205 .ASCII \x\
      0B 0F 59 1B 02CB 206 .BYTE ESC,^A/Y/,15,11
71 71 71 71 71 71 71 71 71 71 71 6D 02CC 207 .ASCII \mqqqqqqqqqqqqqqqqqqqqqqqqqqqqj\
71 71 71 71 71 71 71 71 71 71 71 71 02CD
      6A 71 71 71 02E8
      02EC 208
      02EC 209 : Direct I/O Rate
      0B 12 59 1B 02EC 210 .BYTE ESC,^A/Y/,18,11
      6C 02F0 211 .ASCII \l\
      25 12 59 1B 02F1 212 .BYTE ESC,^A/Y/,18,37
      6B 71 02F5 213 .ASCII \qk\
      0B 13 59 1B 02F7 214 .BYTE ESC,^A/Y/,19,11
      78 02FB 215 .ASCII \x\
      26 13 59 1B 02FC 216 .BYTE ESC,^A/Y/,19,38
      78 030C 217 .ASCII \x\
71 74 20 30 20 20 20 20 01 14 59 1B 0301 218 .BYTE ESC,^A/Y/,20,1
71 71 71 71 71 71 71 71 71 71 71 71 0305 219 .ASCII \I/O 0 tqqqqqqqqqqqqqqqqqqqqqqqqqqqq 60\
71 71 71 71 71 71 71 71 71 71 71 71 0311
      30 36 20 75 71 0329
      0B 15 59 1B 032E 220 .BYTE ESC,^A/Y/,21,11
      78 0332 221 .ASCII \x\
      26 15 59 1B 0333 222 .BYTE ESC,^A/Y/,21,38
      78 0337 223 .ASCII \x\
71 71 71 71 71 71 71 71 0B 16 59 1B 0338 224 .BYTE ESC,^A/Y/,22,11
71 71 71 71 71 71 71 71 71 71 71 71 033C 225 .ASCII \mqqqqqqqqqqqqqqqqqqqqqqqqqqqqj\
      6A 71 71 71 0348
      0354 226
      0358 227 : Free List Size
      30 0B 59 1B 0358 228 .BYTE ESC,^A/Y/,11,48
      6C 035C 229 .ASCII \l\
      4A 0B 59 1B 035D 230 .BYTE ESC,^A/Y/,11,74
      6B 71 0361 231 .ASCII \qk\
      30 0C 59 1B 0363 232 .BYTE ESC,^A/Y/,12,48
      78 0367 233 .ASCII \x\
21 43 41 21 4C 55 21 3C 4B 0C 59 1B 0368 234 .BYTE ESC,^A/Y/,12,75
      34 21 20 78 036C 235 .ASCII \x !4<!UL!AC!>\
      3E 0378
      2E 0D 59 1B 0379 236 .BYTE ESC,^A/Y/,13,46
71 71 71 71 71 71 71 71 71 74 20 30 037D 237 .ASCII \0 tqqqqqqqqqqqqqqqqqqqqqqqqqqqq\
71 71 71 71 71 71 71 71 71 71 71 71 0389
      75 71 71 71 71 0395
      30 0E 59 1B 0398 238 .BYTE ESC,^A/Y/,14,48
      78 039F 239 .ASCII \x\
      4B 0E 59 1B 03A0 240 .BYTE ESC,^A/Y/,14,75

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21 43 41 21 4C 55 21 3C 34 21 20 78 03A4 241 .ASCII \x !4<!UL!AC!>\
3E 03B0
30 0F 59 1B 03B1 242 .BYTE ESC,^A/Y/,15,48
6D 03B5 243 .ASCII \m\
4B 0F 59 1B 03B6 244 .BYTE ESC,^A/Y/,15,75
6A 03BA 245 .ASCII \j\
03BB 246
03BB 247 : Buffered I/O Rate
30 12 59 1B 03BB 248 .BYTE ESC,^A/Y/,18,48
6C 03BF 249 .ASCII \l\
4A 12 59 1B 03C0 250 .BYTE ESC,^A/Y/,18,74
68 71 03C4 251 .ASCII \gk\
30 13 59 1B 03C6 252 .BYTE ESC,^A/Y/,19,48
78 03CA 253 .ASCII \x\
4B 13 59 1B 03CB 254 .BYTE ESC,^A/Y/,19,75
78 03CF 255 .ASCII \x\
2E 14 59 1B 03D0 256 .BYTE ESC,^A/Y/,20,46
71 71 71 71 71 71 71 71 71 71 74 20 30 03D4 257 .ASCII \0 tqqqqqqqqqqqqqqqqqqqqqqqqqqqq 150\
71 71 71 71 71 71 71 71 71 71 71 71 71 03E0
30 35 31 20 75 71 71 71 71 71 03EC
30 15 59 1B 03F6 258 .BYTE ESC,^A/Y/,21,48
78 03FA 259 .ASCII \x\
4B 15 59 1B 03FB 260 .BYTE ESC,^A/Y/,21,75
78 03FC 261 .ASCII \x\
30 16 59 1B 0400 262 .BYTE ESC,^A/Y/,22,48
71 71 71 71 71 71 71 71 71 71 71 71 6D 0404 263 .ASCII \mqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj\
71 71 71 71 71 71 71 71 71 71 71 71 71 0410
6A 71 71 71 041C
0420 264
47 1B 0420 265 .BYTE ESC,^A/G/ ; Set regular graphics
0422 266
0422 267 SBS_END_G:
0422 268
0422 269 SYS_BOX_STR_LEN_G::
0212 0422 270 .WORD SBS_END_G-SYS_BOX_STR_G
0424 271
0424 272
0424 273 SYS_TEXT_STR::
0424 274 : CPU Busy
79 73 75 42 20 55 50 43 0424 275 .BYTE ESC,^A/Y/,4,13
08 09 59 1B 0428 276 .ASCII \CPU Busy\
3A 70 6F 54 20 72 75 43 0430 277 .BYTE ESC,^A/Y/,9,11
0434 278 .ASCII \Cur Top:\
043C 279
043C 280 : Page Fault Rate
52 20 74 6C 75 61 46 20 0D 0B 59 1B 043C 281 .BYTE ESC,^A/Y/,11,13
65 67 61 50 0440 282 .ASCII \Page Fault Rate\
65 74 61 044C
08 10 59 1B 044F 283 .BYTE ESC,^A/Y/,16,11
3A 70 6F 54 20 72 75 43 0453 284 .ASCII \Cur Top:\
045B 285
045B 286 : Direct I/O Rate
52 20 4F 2F 49 20 74 63 0D 12 59 1B 045B 287 .BYTE ESC,^A/Y/,18,13
65 72 69 44 045F 288 .ASCII \Direct I/O Rate\
65 74 61 046B
08 17 59 1B 046E 289 .BYTE ESC,^A/Y/,23,11
3A 70 6F 54 20 72 75 43 0472 290 .ASCII \Cur Top:\

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047A 291
047A 292 ; Process States
74 61 74 53 20 73 73 65 36 03 59 1B 047A 293 .BYTE ESC,^A/Y/,3,54
63 6F 72 50 047E 294 .ASCII \Process States\
73 65 048A
30 04 59 1B 048C 295 .BYTE ESC,^A/Y/,4,48
3A 46 45 4C 0490 296 .ASCII \LEF:\
40 04 59 1B 0494 297 .BYTE ESC,^A/Y/,4,64
3A 4F 46 45 4C 0498 298 .ASCII \LEFO:\
30 05 59 1B 049D 299 .BYTE ESC,^A/Y/,5,48
3A 42 49 48 04A1 300 .ASCII \HIB:\
40 05 59 1B 04A5 301 .BYTE ESC,^A/Y/,5,64
3A 4F 42 49 48 04A9 302 .ASCII \HIBO:\
30 06 59 1B 04AE 303 .BYTE ESC,^A/Y/,6,48
3A 4D 4F 43 04B2 304 .ASCII \COM:\
40 06 59 1B 04B6 305 .BYTE ESC,^A/Y/,6,64
3A 4F 4D 4F 43 04BA 306 .ASCII \COMO:\
30 07 59 1B 04BF 307 .BYTE ESC,^A/Y/,7,48
3A 57 46 50 04C3 308 .ASCII \PFW:\
40 07 59 1B 04C7 309 .BYTE ESC,^A/Y/,7,64
3A 72 65 68 74 4F 04CB 310 .ASCII \Other:\
30 08 59 1B 04D1 311 .BYTE ESC,^A/Y/,8,48
3A 54 49 41 57 4D 04D5 312 .ASCII \MWAIT:\
3A 09 59 1B 04DB 313 .BYTE ESC,^A/Y/,9,58
3A 6C 61 74 6F 54 04DF 314 .ASCII \Total:\
04E5 315
04E5 316 ; Free List Size
69 53 20 74 73 69 4C 20 32 0B 59 1B 04E5 317 .BYTE ESC,^A/Y/,11,50
65 65 72 46 04E9 318 .ASCII \Free List Size\
65 7A 04F5
04F7 319
04F7 320 ; Modified List Size
73 69 4C 20 64 65 69 66 69 64 6F 4D 04F7 321 .BYTE ESC,^A/Y/,15,50
65 7A 69 53 20 74 04FB 322 .ASCII \Modified List Size\
0507
050D 323
050D 324 ; Buffered I/O Rate
4F 2F 49 20 64 65 72 65 66 66 75 42 050D 325 .BYTE ESC,^A/Y/,18,50
65 74 61 52 20 0511 326 .ASCII \Buffered I/O Rate\
051D
3A 70 6F 54 20 72 75 43 0522 327 .BYTE ESC,^A/Y/,23,48
0526 328 .ASCII \Cur Top:\
052E 329 STS_END:
052E 330
052E 331 SYS_TEXT_STR_LEN::
010A 052E 332 .WORD STS_END-SYS_TEXT_STR
0530 333

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00000000 335      .PSECT  MONDATA,QUAD,NOEXE
          336      :
          337      : OWN STORAGE (Read/Write):
          338      :
          339      :
          340      SYS_FAO_STR::
          341      :
          342      .BYTE  ESC,^A'F/           ; Set alternate graphics
          343      :
          344      : CPU Busy
          345      .BYTE  ESC,^A/Y/,4,22      ; Position to number
          346      .ASCII  \!7<(!UL)!>\      ; Convert number
          347      .BYTF  ESC,^A/Y/,5,12      ; Position to bar
          348      .ASCII  \!26<!#*\        ; Convert bar (next 3 lines)
          349      BAR1:: .BLKB  1
          350      .ASCII  \!>\
          351      :
          352      : Process States
          353      .BYTE  ESC,^A/Y/,4,54      ; Position to number
          354      .ASCII  \!4UL\             ; Convert number
          355      .BYTE  ESC,^A/Y/,4,71      ; Position to number
          356      .ASCII  \!4UL\             ; Convert number
          357      .BYTE  ESC,^A/Y/,5,54      ; Position to number
          358      .ASCII  \!4UL\             ; Convert number
          359      .BYTE  ESC,^A/Y/,5,71      ; Position to number
          360      .ASCII  \!4UL\             ; Convert number
          361      .BYTE  ESC,^A/Y/,6,54      ; Position to number
          362      .ASCII  \!4UL\             ; Convert number
          363      .BYTE  ESC,^A/Y/,6,71      ; Position to number
          364      .ASCII  \!4UL\             ; Convert number
          365      .BYTE  ESC,^A/Y/,7,54      ; Position to number
          366      .ASCII  \!4UL\             ; Convert number
          367      .BYTE  ESC,^A/Y/,8,54      ; Position to number
          368      .ASCII  \!4UL\             ; Convert number
          369      .BYTE  ESC,^A/Y/,7,71      ; Position to number
          370      .ASCII  \!4UL\             ; Convert number
          371      .BYTE  ESC,^A/Y/,9,65      ; Position to number
          372      .ASCII  \!4<!UL!>\        ; Convert number
          373      :
          374      : Page Fault Rate
          375      .BYTE  ESC,^A/Y/,11,29     ; Position to number
          376      .ASCII  \!7<(!UL)!>\      ; Convert number
          377      .BYTF  ESC,^A/Y/,12,12     ; Position to bar
          378      .ASCII  \!26<!#*\        ; Convert bar (next 3 lines)
          379      BAR2:: .BLKB  1
          380      .ASCII  \!>\
          381      :
          382      : Page Read I/O Rate
          383      .BYTE  ESC,^A/Y/,12,12     ; Position to bar
          384      .ASCII  \!+!#*\          ; Convert bar (next 2 lines)
          385      BAR3:: .BLKB  1
          386      .BYTE  ESC,^A/G/           ; Set regular graphics
          387      .ASCII  \!\
          388      .BYTE  ESC,^A/F/           ; Set alternate graphics
          389      :
          390      : Free List Size
          391      .BYTE  ESC,^A/Y/,11,65     ; Position to number

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3E 21 29 4C 55 21 28 3C 38 21 00A1 392 .ASCII \!8<(!UL)!>\ ; Convert number
31 0C 59 1B 00AB 393 .BYTE ESC,^A/Y/,12,49 ; Position to bar
2A 23 21 3C 36 32 21 00AF 394 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
000000B7 00B6 395 BAR4:: .BLKB 1
3E 21 00B7 396 .ASCII \!>\
00B9 397
00B9 398 ; Modified List Size
3E 21 29 4C 55 21 45 0F 59 1B 00B9 399 .BYTE ESC,^A/Y/,15,69 ; Position to number
28 3C 36 21 00BD 400 .ASCII \!6<(!UL)!>\ ; Convert number
31 0E 59 1B 00C7 401 .BYTE ESC,^A/Y/,14,49 ; Position to bar
2A 23 21 3C 36 32 21 00CB 402 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
000000D3 00D2 403 BAR5:: .BLKB 1
3E 21 00D3 404 .ASCII \!>\
00D5 405
00D5 406 ; Direct I/O Rate
3E 21 29 4C 55 21 1D 12 59 1B 00D5 407 .BYTE ESC,^A/Y/,18,29 ; Position to number
28 3C 37 21 00D9 408 .ASCII \!7<(!UL)!>\ ; Convert number
0C 13 59 1B 00E3 409 .BYTE ESC,^A/Y/,19,12 ; Position to bar
2A 23 21 3C 36 32 21 00E7 410 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
000000EF 00EE 411 BAR6:: .BLKB 1
3E 21 00EF 412 .ASCII \!>\
00F1 413
00F1 414 ; Buffered I/O Rate
3E 21 29 4C 55 21 44 12 59 1B 00F1 415 .BYTE ESC,^A/Y/,18,68 ; Position to number
28 3C 36 21 00F5 416 .ASCII \!6<(!UL)!>\ ; Convert number
31 13 59 1B 00FF 417 .BYTE ESC,^A/Y/,19,49 ; Position to bar
2A 23 21 3C 36 32 21 0103 418 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
0000010B 010A 419 BAR7:: .BLKB 1
3E 21 010B 420 .ASCII \!>\
47 1B 010D 421 .BYTE ESC,^A/G/ ; Set regular graphics
010F 422
010F 423 ; Top CPU process
010F 424
46 41 21 3C 33 32 21 29 14 09 59 1B 010F 425 .BYTE ESC,^A/Y/,9,20 ; Position to proc name
28 28 34 21 0113 426 .ASCII \!4(+)!23<!AF (!UL)!>\ ; Convert proc name & no.
3E 21 29 4C 55 21 28 20 011F
0C 07 59 1B 0127 427 .BYTE ESC,^A/Y/,7,12 ; Position to bar
46 1B 012B 428 .BYTE ESC,^A/F/ ; Set alternate graphics
2A 23 21 3C 36 32 21 012D 429 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
00000135 0134 430 BAR8:: .BLKB 1
3E 21 0135 431 .ASCII \!>\
47 1B 0137 432 .BYTE ESC,^A/G/ ; Set regular graphics
0139 433
0139 434 ; Top page fault process
0139 435
46 41 21 3C 33 32 21 29 14 10 59 1B 0139 436 .BYTE ESC,^A/Y/,16,20 ; Position to proc name
28 28 34 21 013D 437 .ASCII \!4(+)!23<!AF (!UL)!>\ ; Convert proc name & no.
3E 21 29 4C 55 21 28 20 0149
0C 0E 59 1B 0151 438 .BYTE ESC,^A/Y/,14,12 ; Position to bar
46 1B 0155 439 .BYTE ESC,^A/F/ ; Set alternate graphics
2A 23 21 3C 36 32 21 0157 440 .ASCII \!26<!#*\ ; Convert bar (next 3 lines)
0000015F 015E 441 BAR9:: .BLKB 1
3E 21 015F 442 .ASCII \!>\
47 1B 0161 443 .BYTE ESC,^A/G/ ; Set regular graphics
0163 444
0163 445 ; Top direct I/O process
0163 446

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46 41 21 3C 33 32 21 29 28 28 34 21 0163 447          .BYTE  ESC,^A/Y/,23,20          ; Position to proc name
3E 21 29 4C 55 21 28 20 0167 448          .ASCII  \!4(+)!23<!AF (!UL)!>\ ; Convert proc name & no.
OC 15 59 1B 0173          .BYTE  ESC,^A/Y/,21,12          ; Position to bar
2A 23 21 3C 36 32 21 017B 449          .BYTE  ESC,^A/F/              ; Set alternate graphics
00000189 0181 451          .ASCII  \!26<!#*\            ; Convert bar (next 3 lines)
3E 21 0188 452 BAR10:: .BLKB  1
47 1B 0189 453          .ASCII  \!>\
018B 454          .BYTE  ESC,^A/G/              ; Set regular graphics
018D 455
018D 456 ; Top buffered I/O process
018D 457
018D 458          .BYTE  ESC,^A/Y/,23,57          ; Position to proc name
46 41 21 3C 33 32 21 29 28 28 34 21 0191 459          .ASCII  \!4(+)!23<!AF (!UL)!>\ ; Convert proc name & no.
3E 21 29 4C 55 21 28 20 019D
31 15 59 1B 01A5 460          .BYTE  ESC,^A/Y/,21,49          ; Position to bar
2A 23 21 3C 36 32 21 01A9 461          .BYTE  ESC,^A/F/              ; Set alternate graphics
000001B3 01AB 462          .ASCII  \!26<!#*\            ; Convert bar (next 3 lines)
3E 21 01B2 463 BAR11:: .BLKB  1
47 1B 01B3 464          .ASCII  \!>\
01B5 465          .BYTE  ESC,^A/G/              ; Set regular graphics
01B7 466
01B7 467 SFS_END:
01B7 468
01B7 469 SYS_FAO_STR_LEN::
01B7 470          .WORD  SFS_END-SYS_FAO_STR
01B9 471
01B9 472 .END

```

SYSFAO
Symbol table

- MONITOR FAO Strings for SYSTEM class

16-SEP-1984 02:07:19
5-SEP-1984 02:02:48

VAX/VMS Macro V04-00
[MONITOR.SRC]SYSFAO.MAR;1

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```

BAR1      0000001B RG 02
BAR10     00000188 RG 02
BAR11     000001B2 RG 02
BAR2      0000008B RG 02
BAR3      00000097 RG 02
BAR4      000000B6 RG 02
BAR5      000000D2 RG 02
BAR6      000000EE RG 02
BAR7      0000010A RG 02
BAR8      00000134 RG 02
BAR9      0000015E RG 02
ESC       = 0000001B
SBS_END_G 00000422 R 01
SBS_END_H 0000020E R 01
SFS_END   000001B7 R 02
STS_END   0000052E R 01
SYS_BOX_STR_G 00000210 RG 01
SYS_BOX_STR_H 00000000 RG 01
SYS_BOX_STR_LEN_G 00000422 RG 01
SYS_BOX_STR_LEN_H 0000020E RG 01
SYS_FAO_STR 00000000 RG 02
SYS_FAO_STR_LEN 000001B7 RG 02
SYS_TEXT_STR 00000424 RG 01
SYS_TEXT_STR_LEN 0000052E RG 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 |
| MONRODATA | 00000530 (1328.) | 01 (1.) | NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC QUAD |
| MONDATA | 000001B9 (441.) | 02 (2.) | NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC QUAD |

! Performance indicators !

| Phase | Page faults | CPU Time | Elapsed Time |
|------------------------|-------------|-------------|--------------|
| Initialization | 32 | 00:00:00.06 | 00:00:00.78 |
| Command processing | 126 | 00:00:00.70 | 00:00:03.90 |
| Pass 1 | 86 | 00:00:01.89 | 00:00:06.27 |
| Symbol table sort | 0 | 00:00:00.01 | 00:00:00.12 |
| Pass 2 | 95 | 00:00:01.11 | 00:00:05.97 |
| Symbol table output | 4 | 00:00:00.07 | 00:00:00.67 |
| Psect synopsis output | 1 | 00:00:00.02 | 00:00:00.02 |
| Cross-reference output | 0 | 00:00:00.00 | 00:00:00.00 |
| Assembler run totals | 346 | 00:00:03.86 | 00:00:17.73 |

The working set limit was 1050 pages.
 10433 bytes (21 pages) of virtual memory were used to buffer the intermediate code.
 There were 10 pages of symbol table space allocated to hold 24 non-local and 0 local symbols.
 472 source lines were read in Pass 1, producing 16 object records in Pass 2.
 0 pages of virtual memory were used to define 0 macros.

! Macro library statistics !

| Macro library name | Macros defined |
|--|----------------|
| ----- | ----- |
| -\$255\$DUA28:[MONTOR.OBJ]MONLIB.MLB;1 | 0 |
| -\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 | 0 |
| -\$255\$DUA28:[SYSLIB]STARLET.MLB;2 | 0 |
| TOTALS (all libraries) | 0 |

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SYSFAO/OBJ=OBJ\$:SYSFAO MSRC\$:SYSFAO/UPDATE=(ENH\$:SYSFAO)+EXECMLS/LIB+LIB\$:MONLIB/LIB

