```
   SSSSSSSSSSSS  YYY         YYY     SSSSSSSSSSSS
   SSSSSSSSSSSS  YYY         YYY     SSSSSSSSSSSS
   SSSSSSSSSSSS  YYY         YYY     SSSSSSSSSSSS
SSS              YYY         YYY  SSS
SSS              YYY         YYY  SSS
SSS              YYY         YYY  SSS
SSS                 YYY   YYY     SSS
SSS                 YYY   YYY     SSS
SSS                 YYY   YYY     SSS
   SSSSSSSSS           YYY           SSSSSSSSS
   SSSSSSSSS           YYY           SSSSSSSSS
   SSSSSSSSS           YYY           SSSSSSSSS
            SSS        YYY                    SSS
            SSS        YYY                    SSS
            SSS        YYY                    SSS
            SSS        YYY                    SSS
            SSS        YYY                    SSS
            SSS        YYY                    SSS
SSSSSSSSSSSS           YYY        SSSSSSSSSSSS
SSSSSSSSSSSS           YYY        SSSSSSSSSSSS
SSSSSSSSSSSS           YYY        SSSSSSSSSSSS
```

FILEID**SYSPARAM

```
 SSSSSSSS   YY      YY    SSSSSSSS   PPPPPPPP      AAAAAA    RRRRRRRR      AAAAAA    MM      MM
 SSSSSSSS   YY      YY    SSSSSSSS   PPPPPPPP      AAAAAA    RRRRRRRR      AAAAAA    MM      MM
SS          YY      YY   SS          PP      PP  AA      AA  RR      RR  AA      AA  MMMM  MMMM
SS          YY      YY   SS          PP      PP  AA      AA  RR      RR  AA      AA  MMMM  MMMM
SS            YY  YY     SS          PP      PP  AA      AA  RR      RR  AA      AA  MM  MM  MM
SS            YY  YY     SS          PP      PP  AA      AA  RR      RR  AA      AA  MM  MM  MM
 SSSSSS         YY        SSSSSS     PPPPPPPP    AA      AA  RRRRRRRR    AA      AA  MM      MM
 SSSSSS         YY        SSSSSS     PPPPPPPP    AA      AA  RRRRRRRR    AA      AA  MM      MM
        SS      YY              SS   PP          AAAAAAAAAA  RR  RR      AAAAAAAAAA  MM      MM
        SS      YY              SS   PP          AAAAAAAAAA  RR  RR      AAAAAAAAAA  MM      MM
        SS      YY              SS   PP          AA      AA  RR    RR    AA      AA  MM      MM    ....
        SS      YY              SS   PP          AA      AA  RR    RR    AA      AA  MM      MM    ....
SSSSSSSS        YY       SSSSSSSS    PP          AA      AA  RR      RR  AA      AA  MM      MM    ....
SSSSSSSS        YY       SSSSSSSS    PP          AA      AA  RR      RR  AA      AA  MM      MM    ....

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
LLLLLLLLLL    IIIIII     SSSSSSSS
LLLLLLLLLL    IIIIII     SSSSSSSS
```

Table of contents

```
0000  ;****************************************************************************
0000  ;*                                                                          *
0000  ;*                               NOTICE !!!                                 *
0000  ;*                                                                          *
0000  ;*  $SYIDEF IN MASD$:<VMSLIB.SRC>STARDEFQZ.SDL MUST BE UPDATED WHEN ADDING  *
0000  ;*  PARAMETERS - BUT NOT WHEN DELETING PARAMETERS. $SYIDEF CONTAINS THE     *
0000  ;*  PUBLIC DEFINITIONS OF THE $GETSYI ITEM-CODES, AND EACH SYSGEN PARAMETER *
0000  ;*  IS AUTOMATICALLY TRANSFORMED INTO A $GETSYI ITEM.                        *
0000  ;*  SYITABLE.MAR DEFINES $GETSYI ITEMS WHICH ARE -NOT- SYSGEN PARAMETERS,   *
0000  ;*  AND SHOULD NOT BE MODIFIED WHEN ADDING OR SUBTRACTING SYSGEN PARAMETERS. *
0000  ;*                                                                          *
0000  ;****************************************************************************
0000
0000          .IF     DEFINED GETSYISW
0000          .TITLE  GETSYI - DEFINE SYSTEM PARAMETERS FOR GETSYI
0000          .IF_FALSE
0000          .IF     NDF,PRMSW                    ;
0000          .TITLE  SYSPARAM - SYSTEM PARAMETERS
0000          .IFF                                 ;
0000          .TITLE  PARAMETER - PARAMETER DESCRIPTORS FOR SYSPARAM
0000          .ENDC
0000          .ENDC
0000          .IDENT  'V04-000'
0000
0000  ;
0000  ;****************************************************************************
0000  ;*                                                                          *
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0000  ;*                                                                          *
0000  ;*                                                                          *
0000  ;****************************************************************************
0000  ;
0000
0000  ;++
0000  ; FACILITY:  EXECUTIVE DATA BASE
0000  ;
0000  ; ABSTRACT:
0000  ;       SYSPARAM CONTAINS THE EXECUTIVE CONTROL PARAMETERS AND CERTAIN
0000  ;       KEY VARIABLES.
0000  ;
0000  ; ENVIRONMENT:
```

```
0000  ;
0000  ; AUTHOR:  R. I. HUSTVEDT, CREATION DATE:  09-OCT-1977
0000  ;
0000  ; MODIFIED BY:
0000  ;
0000  ;        V03-080 DWT0238         David W. Thiel          24-Aug-1984
0000  ;                Change default value of QDSKINTERVAL to 20 seconds.
0000  ;
0000  ;        V03-079 MIR0470         Michael I. Rosenblum    13-Aug-1984
0000  ;                make tty_defport a specail sysgen parameter
0000  ;
0000  ;        V03-078 CDS0004         Christian D. Saether    06-Aug-1984
0000  ;                Fix bug initializing exe$gl_static_flags
0000  ;                introduced by cds0003.
0000  ;
0000  ;        V03-077 WMC0075         Wayne Cardoza           06-Aug-1984
0000  ;                Make SRP default 96.
0000  ;
0000  ;        V03-076 WMC0074         Wayne Cardoza           30-Jul-1984
0000  ;                Raise minimum working set parameters.
0000  ;
0000  ;        V03-075 DWT0231         David W. Thiel          25-Jul-1984
0000  ;                Raise RECNXINTERVAL to 60 seconds.
0000  ;
0000  ;        V03-074 DWT0230         David W. Thiel          25-Jul-1984
0000  ;                Raise RECNXINTERVAL to 20.  Make QDSKINTERVAL non-dynamic.
0000  ;
0000  ;        V03-073 WMC0073         Wayne Cardoza           23-Jul-1984
0000  ;                Raise max VIRTUALPAGECNT.
0000  ;
0000  ;        V03-072 BLS0334         Benn Schreiber          23-JUL-1984
0000  ;                Raise default ENQLM,ASTLM,DIOLM and BIOLM parameters.
0000  ;
0000  ;        V03-071 WHM0004         Bill Matthews           23-Jul-1984
0000  ;                Added a work station flag longword and defined the parameter
0000  ;                WS_OPA0. Made LGI_BRK_TERM default to true. Raised paging file
0000  ;                quota minimum from 256 to 512.
0000  ;
0000  ;        V03-070 CDS0003         Christian D. Saether    20-Jul-1984
0000  ;                Add one more buffer pool, ACP_DINDXCACHE, to file system caches.
0000  ;                Add ACP_REBLDSYSD flag.
0000  ;
0000  ;        V03-069 ACG0436         Andrew C. Goldstein,    12-Jul-1984  11:50
0000  ;                Add LGI_BRK_TERM and LGI_BRK_DISUSER parameters
0000  ;
0000  ;        V03-069 CDS0002         Christian D. Saether    11-July-1984
0000  ;                Raise minimum ACP_HDRCACHE to 3.
0000  ;                Change default for ACP_MULTIPLE to 0.
0000  ;
0000  ;        V03-068 JEJ0047         J E Johnson             06-Jul-1984
0000  ;                Change RMS_GBLBUFQUO to be a dynamic parameter.
0000  ;
0000  ;        V03-067 WMC0067         Wayne Cardoza           06-Jun-1984
0000  ;                Fix PQL minimum working set parameters.
0000  ;                Raise PHYSICALPAGES limits.
0000  ;
0000  ;        V03-066 HWS0069         Harold Schultz          24-May-1984
```

```
0000  ;              Change default size of CLISYMTBL from 40 to 60 pages.
0000  ;
0000  ;      V03-065 WHM0003         Bill Matthews          20-Apr-1984
0000  ;              Removed USESYSPARAMS. Use of the separate parameter file
0000  ;              is now required.
0000  ;
0000  ;      V03-064 MIR0400         Michael I. Rosenblum   10-Apr-1984
0000  ;              Add TTY_DEFPORT default port function longword.
0000  ;
0000  ;      V03-063 RAS0281         Ron Schaefer           09-Apr-1984
0000  ;              Add RMS_DFNBC default network block count parameter.
0000  ;
0000  ;      V03-062 WHM0002         Bill Matthews          04-Apr-1984
0000  ;              Added USESYSPARAMS and WRITESYSPARAMS to support the
0000  ;              default seperate system parameter file.
0000  ;              Changed the default for NPAGEDYN from 64000 to 131072(256 pages)
0000  ;              Added support for ascii sysgen parameters longer than 4 bytes.
0000  ;              Replaced SCSNODEL and SCSNODEH with SCSNODE.
0000  ;              Replaced DISK_QUORUM1-4 with DISK_QUORUM.
0000  ;              Changed SAVEDUMP from type SPECIAL to type SYS.
0000  ;              Changed the units field for ACP_DATACHECK and ACP_SWPFLAGS
0000  ;              from boolean to Bit-mask.
0000  ;
0000  ;      V03-061 WMC0060         Wayne Cardoza          28-Mar-1984
0000  ;              Add MMG$GL_MAXMEM.
0000  ;
0000  ;      V03-060 JEJ0013         J E Johnson            25-Mar-1984
0000  ;              Add RMS_GBLBUFQUO sysgen parameter.
0000  ;
0000  ;      V03-059 WMC0059         Wayne Cardoza          24-Mar-1984
0000  ;              Add ACP_XQP_RES flag
0000  ;
0000  ;      V03-058 LMPBUILD        L. Mark Pilant,        19-Mar-1984  12:20
0000  ;              Make sure that the cells moved in LMP0205 are added with
0000  ;              the proper conditionals around them.
0000  ;
0000  ;      V03-057 LMP0205         L. Mark Pilant,        7-Mar-1984  11:23
0000  ;              Move EXE$GL_DYNAMIC_FLAGS and EXE$GL_STATIC_FLAGS from
0000  ;              SYSCOMMON.
0000  ;
0000  ;      V03-056 CDS0001         Christian D. Saether   28-Feb-1984
0000  ;              Raise default and min size of pagedyn to account for
0000  ;              xqp block caches.  Also SYSMWCNT.
0000  ;
0000  ;      V03-055 MMD0246         Meg Dumont,      27-Feb-1984  10:45
0000  ;              Add support for $MTACCESS installation specific accessibility
0000  ;              routine
0000  ;
0000  ;      V03-054 SSA0009         Stan Amway             13-Feb-1984
0000  ;              Changed default for PFRATL to 0.
0000  ;
0000  ;      V03-053 TMK0003         Todd M. Katz           02-Feb-1984
0000  ;              Change the name of the SCS parameter PAPORTPOLL to PANOPOLL.
0000  ;              Also change its address (from SCS$GB_PAPPOOL to SCS$GB_PANOPOLL)
0000  ;              and its default value (from 1 to 0).
0000  ;
0000  ;      V03-052 WHM0001         Bill Matthews          01-Feb-1984
```

```
0000 ;          Added new type for LGI_ parameters.
0000 ;
0000 ;  V03-051 TMK0002             Todd M. Katz            30-Jan-1984
0000 ;          Add the special parameters PE1,PE2,PE3,PE4,PE5,PE6 for use
0000 ;          by the PEDRIVER.
0000 ;
0000 ;          Add the SCS parameter PAPORTPOLL. If this boolean parameter is
0000 ;          set the local CI port(s) will poll remote ports. If it isn't it
0000 ;          won't.
0000 ;
0000 ;          Change the following SYSGEN parameters' DEFAULT, MAX, MIN etc..
0000 ;
0000 ;          1. Change the DEFAULT of MAXBUF from 1568 to 1584.
0000 ;          2. Change the DEFAULT of SCSSYSTEMID from 1 to 0.
0000 ;          3. Change the MIN of PAMAXPORT from -1 to 0.
0000 ;          4. Change the MAX of PAMAXPORT from -1 to 223.
0000 ;          5, Change the ADDRESS of PAMAXPORT from SCS$GW_PAMXPORT to
0000 ;             SCS$GB_PAMXPORT.
0000 ;          6. Change the size of PAMAXPORT from WORD to BYTE.
0000 ;
0000 ;  V03-050 WMC0048             Wayne Cardoza           16-Jan-1984
0000 ;          CJF related parameters must be made SPECIAL and defaulted
0000 ;          off.
0000 ;
0000 ;  V03-049 JLV0328             Jake VanNoy             11-JAN-1984
0000 ;          Add TTY_TIMEOUT and TTY_AUTOCHAR.
0000 ;
0000 ;  V03-048 KTA3097             Kerbey T. Altmann       10-Jan-1984
0000 ;          Set date to 1984.
0000 ;
0000 ;  V03-047 WMC0047             Wayne Cardoza           19-Dec-1983
0000 ;          WSMAX max is 64000 not 65280.
0000 ;          Make MMG$GW_BIGPFN a new cell.
0000 ;
0000 ;  V03-046 LMP0177             L. Mark Pilant,         7-Dec-1983  11:32
0000 ;          Add a dymanic parameter to control whether or not
0000 ;          non-discretionary classification checks are to be performed.
0000 ;
0000 ;  V03-045 SSA0003             Stan Amway              5-Dec-1983
0000 ;          Added DORMANTWAIT to support outswap scheduling changes.
0000 ;          Changed units and default for LONGWAIT.
0000 ;
0000 ;  V03-044 DWT0150             David W. Thiel          18-Nov-1983
0000 ;          Add LOCKDIRWT and QDSKVOTES parameters.  Deleted old
0000 ;          VAXCLUSTER bit and define new VAXCLUSTER as a byte.
0000 ;          Reorder cluster parameters.  Make ALLOCLASS non-dynamic.
0000 ;          Change PAPOLLINTERVAL default from 15 to 5 seconds.
0000 ;          Chanage SCSMAXMSG default from 96 to 112.
0000 ;          Change SRPSIZE default from 96 to 128 to close hole
0000 ;          between SRP and IRP allocation pending a more complete
0000 ;          examination of pool allocation.
0000 ;
0000 ;  V03-043 TMK0001             Todd M. Katz            12-Oct-1983
0000 ;          Add PQL_DJTQUOTA and PQL_MJTQUOTA - the default and minimum
0000 ;          byte creation quotas for job-wide logical name tables.
0000 ;
0000 ;  V03-042 ACG0360             Andrew C. Goldstein,    21-Sep-1983  16:25
```

```
0000  ;                 Change defaults for LGI_xxx breakin parameters
0000  ;
0000  ;         V03-041 ACG0350         Andrew C. Goldstein,    19-Aug-1983  17:56
0000  ;                 Raise MAXBUF minimum to 1200 to allow BACKUP to work
0000  ;
0000  ;         V03-040 GAS0162         Gerry Smith             30-Jul-1983
0000  ;                 Add LGI_PWD_TMO, the system password drop dead time.
0000  ;
0000  ;         V03-039 NPK3030         N. Kronenberg           29-Jul-1983
0000  ;                 Change PAMAXPORT maximum from 223 to -1.
0000  ;
0000  ;         V03-038 RAS0179         Ron Schaefer            29-Jul-1983
0000  ;                 Delete LOGPHASHTBL,LOGGHASHTBL,LOGSHASHTBL.
0000  ;                 Change default of IMGIOCNT from 32 to 64.
0000  ;                 Change default of RMS_EXTEND from 80 to 0.
0000  ;
0000  ;         V03-037 KFH0004         Ken Henderson           28 Jul 1983
0000  ;                 Add MAXQUEPRI, DEFQUEPRI, QDSKINTERVAL
0000  ;                 Remove JOBQUEUES, REINITQUE, MAXPRINTSYMB
0000  ;                 Change VMS_CLUSTER to VAXCLUSTER
0000  ;                 Modify default of RECNXINTERVAL from 3 to 10
0000  ;
0000  ;         V03-036 NPK3029         N. Kronenberg           26-Jul-1983
0000  ;                 Tune up the SCS and PA parameters.  Remove PASTRETRY.
0000  ;                 Add PAMXPORT, PASANITY.
0000  ;
0000  ;         V03-035 MSH0002         Maryann Hinden          08-Jul-1983
0000  ;                 Add cluster quorum disk parameters.
0000  ;
0000  ;         V03-034 GAS0142         Gerry Smith             20-Jun-1983
0000  ;                 Add the login security parameters.
0000  ;
0000  ;         V03-033 PCA1015         Paul C. Anagnostopoulos 13-Jun-1983
0000  ;                 Fix the valid ranges for the STARTUP_Pn parameters.
0000  ;
0000  ;         V03-032 TCM0002         Trudy C. Matthews       1-Jun-1983
0000  ;                 Add ALLOCLASS parameter, a cluster parameter that defines
0000  ;                 the device allocation class for this system.
0000  ;
0000  ;         V03-031 SRB0086         Steve Beckhardt         24-May-1983
0000  ;                 Made LOCKIDTBL_MAX dynamic.
0000  ;
0000  ;         V03-030 JSV0295         Joost Verhofstad        20-MAY-1983
0000  ;                 Add SYSGEN parameters CJFLOAD and CJFSYSRUJ
0000  ;
0000  ;         V03-029 KFH0003         Ken Henderson           20 May 1983
0000  ;                 Increased default values:
0000  ;                 SPTREQ          720 -> 896
0000  ;                 GBLPAGES        3072 -> 4096
0000  ;                 GBLSECTIONS     80 -> 128
0000  ;
0000  ;         V03-028 KDM0044         Kathleen D. Morse       03-May-1983
0000  ;                 Add EXE$GL_ARCHFLAG.
0000  ;
0000  ;         V03-027 PCA1015         Paul C. Anagnostopoulos 28-Apr-1983
0000  ;                 Add TAILORED parameter to specify whether or not this system
0000  ;                 is tailored (has a library disk).
```

```
0000  ;          Add STARTUP_Pn parameters for passing information to the
0000  ;          system startup procedure.
0000  ;
0000  ;  V03-026 SRB0081         Steve Beckhardt         28-Apr-1983
0000  ;          Added new parameter LOCKIDTBL_MAX.
0000  ;
0000  ;  V03-025 RNG0025         Rod Gamache             21-Apr-1983
0000  ;          Change default value of MAXBUF to be more flexible
0000  ;          for the DEUNA device driver.
0000  ;
0000  ;  V03-024 KFH0002         Ken Henderson           14 Apr 1983
0000  ;          Modify call to SYI_ITEM_CODE to
0000  ;          support Ascii sysnodename.
0000  ;
0000  ;  V03-023 MIR0030         Michael I. Rosenblunm   14-Apr-1983
0000  ;          Make line editing the default
0000  ;
0000  ;  V03-022 TCM0001         Trudy C. Matthews       8-Apr-1983
0000  ;          Allow WSMAX to grow to 65280.
0000  ;
0000  ;  V03-021 MSH0001         Maryann Hinden          25-Mar-1983
0000  ;          Add ASCII type.  Correct default for SCSNODEH.
0000  ;
0000  ;  V03-020 DWT0080         David W. Thiel          1-Mar-1983
0000  ;          Define cluster class of parameters containing
0000  ;          QUORUM, VOTES, and CNXRETRYINT.
0000  ;
0000  ;  V03-019 JWH0191         Jeffrey W. Horn         28-Feb-1983
0000  ;          Change default value for PIOPAGES.
0000  ;
0000  ;  V03-018 KFH0001         Ken Henderson           15 Feb 1983
0000  ;          Added conditionals for GETSYISW, to let
0000  ;          this file be used to define the sysboot
0000  ;          parameters for SYS$GETSYI/F$GETSYI/LIB$GETSYI
0000  ;          *****************************************************
0000  ;          ONE SIDE EFFECT OF THIS MOD IS TO REQUIRE THAT ALL
0000  ;          ALLOCATION OF MEMORY CELLS BE CONDITIONALIZED TO NOT
0000  ;          HAPPEN IF GETSYISW IS DEFINED.
0000  ;          *****************************************************
0000  ;
0000  ;  V03-017 RNG0017         Rod N. Gamache          11-Feb-1983
0000  ;          Change default value for PHYSICALPAGES.
0000  ;
0000  ;  V03-016 DWT0071         David W. Thiel          28-Jan-1983
0000  ;          Add VMS_CLUSTER parameter and corresponding
0000  ;          LOADCLUSTR bit in SGN$GL_LOADFLAGS.
0000  ;          Add PRCPOLINTERVAL parameter with global name
0000  ;          SCS$GW_PRCPOLINT.
0000  ;
0000  ;  V03-015 STJ3053         Steven T. Jeffreys      21-Jan-1983
0000  ;          Added LOADERAPAT and LOADCHKPRT parameters, and defined
0000  ;          SGN$GL_LOADFLAGS, a system global longword to control
0000  ;          the loading of various pieces of the EXEC.
0000  ;
0000  ;  V03-014 KTA3029         Kerbey T. Altmann       11-Jan-1983
0000  ;          Set date to 1983.
0000  ;
```

```
0000  ;      V03-013 SRB0057         Steve Beckhardt         16-Dec-1982
0000  ;              Increased maximum size of LOCKIDTBL to 65535.
0000  ;
0000  ;      V03-012 DMW4016         DMWalp                  15-Dec-1982
0000  ;              Added parameters for size of new logical name hash tables
0000  ;
0000  ;      V03-011 JWH0117         Jeffrey W. Horn         29-Oct-1982
0000  ;              Add PIOPAGES CTLPAGES, and CTLIMGLIM.
0000  ;              Change maximum of PHYSICALPAGES to 65536.
0000  ;              Change default of SCSSYSTEMIDH to 0.
0000  ;
0000  ;      V03-010 KTA3016         Kerbey T. Altmann       21-Oct-1982
0000  ;              Add SCSNODENAME.
0000  ;
0000  ;      V03-009 HRJ0064         Herb Jacobs             21-Apr-1982
0000  ;              Fix default values of RMS_DFMBC, RMS_EXTEND, MPW_LOLIMIT.
0000  ;
0000  ;      V03-008 JLV0208         Jake Vannoy             15-Apr-1982
0000  ;              Fix default values for TTY_SILOTIME, WSINC, WSDEC.
0000  ;
0000  ;      V03-007 JLV0207         Jake VanNoy             5-APR-1982
0000  ;              Add some smarts to PARAMETER macro to ignore dynamic
0000  ;              bits if they are not in EXE$GL_DEFFLAGS. This prevents
0000  ;              the dynamic bits in STJ0249 from being included in
0000  ;              PRM$M_DYNFLAGS.
0000  ;
0000  ;      V03-006 STJ0249         Steven T. Jeffreys      01-Apr-1982
0000  ;              Add global longword for system message flags.  Define
0000  ;              EXE$V_MOUNTMSG and EXE$V_DISMOUMSG to control operator
0000  ;              notification of mounts and dismounts, respectively.
0000  ;              By default, both are disabled.
0000  ;
0000  ;      V03-005 MLJ0085         Martin L. Jack          01-Apr-1982
0000  ;              Add EXE$V_JOBQUEUES, EXE$V_REINITQUE to control initialization
0000  ;              of JBCSYSQUE by job controller.
0000  ;
0000  ;      V03-004 PHL0041         Peter H. Lipman         01-Apr-1982
0000  ;              Default setting for SAVEDUMP must be off.
0000  ;
0000  ;      V03-003 HRJ0061         Herb Jacobs             28-Mar-1982
0000  ;              Fix categories for /MAJOR, /SYS, /SYSGEN, correct
0000  ;              some default values, and change global name of SWPFILCNT.
0000  ;
0000  ;      V03-002 PHL0040         Peter H. Lipman         22-Mar-1982
0000  ;              Add EXE$V_PAGFILDMP, EXE$V_SAVEDUMP, EXE$GW_PGFL_FID
0000  ;              to support the dump file in the page file.
0000  ;
0000  ;      V03-001 JLV0193         Jake VanNoy             15-MAR-1982
0000  ;              Add TTY_SILOTIME. Change defaults for TTY_OWNER and TTY_PROT
0000  ;              and PQL_ENQLM. Change names of TTYSCANDELTA to TTY_SCANDELTA
0000  ;              and DIALTYPE to TTY_DIALTYPE.
0000  ;
0000  ;--
```

```
0000          .SBTTL  DECLARATIONS
0000    ;
0000    ; INCLUDE FILES:
0000    ;
0000          $SYIDEF                               ; DEFINE SYS$GETSYI ITEM CODES
0000          $PQLDEF                               ; DEFINE QUOTA LIST CODES
0000          $PRMDEF                               ; DEFINE PARAMETER DESCRIPTOR
0000          $SGNDEF                               ; SYSGEN CONSTANTS
0000          $TTDEF                                ; DEFINE TERMINAL CHARACTERISTICS
0000          $TT2DEF                               ; DEFINE MORE TERMINAL DEFINTIONS
0000
0000    ;
0000    ; MACRO TO GENERATE PARAMETER DESCRIPTOR IF PRMSW IS TRUE OTHERWISE
0000    ; SIMPLY DEFINE PARAMETERS
0000    ;
0000    ;
0000    ; MACROS:
0000    ;
0000
0000          .MACRO  PFNALC  SIZ,SYMLST
0000          .IRP    SYM,<SYMLST>
0000          DEFINE  PFN$A'SIZ'_'SYM
0000          .ENDR
0000          .ALIGN  LONG
0000          .LONG   0
0000          .ENDM   PFNALC
0000
0000          .MACRO  PARAMETER,ADDRESS,NAME,TYPE=STATIC,DEFAULT=0,MIN=-1,MAX=-1,-
0000                  UNIT,SIZE=LONG,BIT        ;
0000
0000    ;
0000    ; When GETSYISW is defined, the macro PARAMETER becomes a conduit to
0000    ; a lower level macro SYI_ITEM_CODE. In the fashion of JPI_ITEM_CODE and
0000    ; DVI_ITEM_CODE, SYI_ITEM_CODE is called multiple times (once per item)
0000    ; by the larger macro SYI_GENERATE_TABLE. This file becomes the definition
0000    ; of SYI_GENERATE_TABLE when GETSYISW is defined.
0000    ;
0000          OUTLEN = 4
0000          .IIF    IDENTICAL <SIZE><BYTE>, OUTLEN = 1
0000          .IIF    IDENTICAL <SIZE><WORD>, OUTLEN = 2
0000          .IIF    IDENTICAL <SIZE><LONG>, OUTLEN = 4
0000          .IIF    IDENTICAL <SIZE><QUAD>, OUTLEN = 8
0000          .IIF    IDENTICAL <SIZE><OCTA>, OUTLEN = 16
0000
0000          .IF     DEFINED GETSYISW
0000
0000          .IF     BLANK BIT
0000
0000          .IF     NOT_DEFINED SYI$_'NAME
0000          .WARN ; SYI$_'NAME SHOULD BE DEFINED IN STARDEFQZ.SDL (EXE-SECT)
0000          .ENDC
0000
0000          .IF     IDENTICAL <UNIT><Ascii>
0000
0000          SYI_ITEM_CODE   EXE,-             ; TABLE BASE - EXEC CELLS
0000                          <NAME>,-          ; ITEM NAME
0000                          <ADDRESS>,-       ; SOURCE
```

```
0000                                  PADSTR,-          ; DTYPE = PADDED STRING
0000                                  0,-               ; BITPOS
0000                                  PRM$C_'SIZE',-    ; BITSIZ
0000                                  OUTLEN            ; OUTLEN
0000
0000                  .IF_FALSE
0000
0000                  SYI_ITEM_CODE   EXE,-             ; TABLE BASE - EXEC CELLS
0000                                  <NAME>,-          ; ITEM NAME
0000                                  <ADDRESS>,-       ; SOURCE
0000                                  DECNUM,-          ; DTYPE = DECIMAL NUMBER
0000                                  0,-               ; BITPOS
0000                                  PRM$C_'SIZE',-    ; BITSIZ
0000                                  OUTLEN            ; OUTLEN
0000
0000                  .ENDC           ; IDENTICAL <UNIT><Ascii>
0000
0000                  .IF_FALSE       ; BLANK BIT
0000
0000                  .IF     NOT_DEFINED SYI$_'NAME
0000                  .WARN ; SYI$_'NAME SHOULD BE DEFINED IN STARDEFQZ.SDL (FLD-SECT)
0000                  .ENDC
0000
0000                  SYI_ITEM_CODE   FLD,-             ; TABLE BASE - FIELD DATA
0000                                  <NAME>,-
0000                                  <ADDRESS>,-
0000                                  BITVAL,-
0000                                  <BIT>,-
0000                                  1,-
0000                                  1
0000
0000                  .ENDC           ; BLANK BIT
0000
0000                  .IF_FALSE       ; DEFINED GETSYISW
0000
0000                  .IF     DF,PRMSW                  ; DO IF CREATING PARAMETER DESCRIPTOR
0000          PRMSAV...=.                               ; SAVE LOC COUNTER
0000                  .PSECT  $$$918,LONG               ;
0000                  BAS...=.                          ; SET BASE FOR THIS DESCRIPTOR
0000                  .BLKB   PRM$C_LENGTH              ; GENERATE SPACE
0000                  SAV...=.                          ;
0000                  PRM     L_ADDR                    ;
0000                  .LONG   ADDRESS                   ;
0000                  PRM     L_DEFAULT                 ;
0000                  .LONG   DEFAULT                   ;
0000                  PRM     L_MIN                     ;
0000                  .LONG   MIN                       ;
0000                  PRM     L_MAX                     ;
0000                  .LONG   MAX                       ;
0000                  .IF     GREATER           <%LENGTH(NAME)-PRM$C_MAXNAMLEN>
0000                  .ERROR  ; The parameter called NAME has too many characters
0000                  .ENDC
0000                  PRM     T_NAME                    ;
0000                  .ASCIC  %"NAME'%                  ;
0000                  .IF     GREATER           <%LENGTH(UNIT)-PRM$C_MAXUNILEN>
0000                  .ERROR  ; The quantity called UNIT has too many characters
0000                  .ENDC
```

```
0000            PRM     T_UNIT                  ;
0000            .ASCIC  %"UNIT'%                ;
0000            PRM     B_SIZE                  ; SET FIELD SIZE
0000            .IF     B,BIT                   ;
0000            .BYTE   PRM$C_'SIZE             ;
0000            .IFF                            ;
0000            .BYTE   1                       ;
0000            PRM     B_POS                   ;
0000            .BYTE   BIT                     ;
0000            .ENDC                           ;
0000            PRM     L_FLAGS                 ;
0000            TYP...=0                        ;
0000            .IRP    TYPNAM,<TYPE>           ;
0000            TYP...=TYP...!PRM$M_'TYPNAM     ;
0000
0000            .IF NB BIT                      ; DEFINE PRM$M_DYNFLAGS
0000            .IF EQ PRM$M_'TYPNAM-PRM$M_DYNAMIC
0000            .IF IDN ADDRESS,EXE$GL_DEFFLAGS
0000            PRM$M_DYNFLAGS == PRM$M_DYNFLAGS!<1@BIT>
0000            .ENDC
0000            .ENDC
0000            .ENDC
0000
0000            .ENDR                           ;
0000            .LONG   TYP...                  ;
0000            .=SAV...                        ; REPOSITION LOCATION COUNTER
0000            .PSECT  $$$917A,PAGE            ; BACK TO NORMAL PSECT
0000            .=PRMSAV...                     ; RESTORE LOCATION COUNTER
0000            .IFF                            ;
0000            .IF     B,BIT                   ;
0000            .IF     GT,OUTLEN-4             ; IF LENGTH >4 FORCE LONGWORD ALIGNMENT
0000            .ALIGN  LONG                    ;
0000            .IFF
0000            .ALIGN  'SIZE'                  ;
0000            .ENDC
0000   ADDRESS'::                               ; DEFINE GLOBAL VALUE
0000            .ENDC                           ;
0000            .ENDC                           ;
0000            .IF     B,BIT                   ;
0000            .IF     GT,OUTLEN-4             ; IF LENGTH >4 FORCE LONGWORD ALIGNMENT
0000            .ALIGN  LONG                    ;
0000            .LONG   DEFAULT                 ; GENERATE DEFAULT QUAD VALUE
0000            .LONG   DEFAULT                 ;
0000            .IF     GT,OUTLEN-8             ;
0000            .LONG   DEFAULT                 ; GENERATE DEFAULT OCTA VALUE
0000            .LONG   DEFAULT                 ;
0000            .ENDC                           ;
0000            .IFF                            ;
0000            .ALIGN  'SIZE'                  ;
0000            .'SIZE' DEFAULT                 ; GENERATE DEFAULT VALUE
0000            .ENDC                           ;
0000            .ENDC                           ;
0000
0000            .ENDC           ; DEFINED GETSYISW
0000
0000            .ENDM   PARAMETER               ;
0000
```

```
0000          .MACRO  PRM,OFFSET                        ;
0000          .IF     NOT_DEFINED GETSYISW
0000          .=BAS...+PRM$'OFFSET                      ;
0000          .ENDC
0000          .ENDM   PRM                               ;
0000
0000    ;
0000    ; MACRO TO CONDITIONALLY DEFINE LABELS
0000    ;
0000          .MACRO  DEFINE,LABEL                      ;
0000          .IF     NOT_DEFINED GETSYISW
0000          .IF     NDF,PRMSW                         ;
0000    LABEL'::                                        ;
0000          .IFF                                      ;
0000    LABEL':                                         ;
0000          .ENDC                                     ;
0000          .ENDC   ; NOT_DEFINED GETSYISW
0000          .ENDM   DEFINE                            ;
0000    ;
0000    ;     MACRO TO GENERATE PROCESS QUOTA LIST TABLES
0000    ;
0000    ;     PQL     QUOTA_NAME,DEFAULT,MIN,FLAG,UNIT,DYNAMIC_STATE
0000    ;
0000          .MACRO  PQL Q,DEFLT=0,MINIM=0,FLAG=0,UNT,DYNAMIC_FLAG=DYNAMIC
0000          .IF     NOT_DEFINED GETSYISW
0000          .IF     NDF,PRMSW                         ;
0000          .PSECT  $$$917,PAGE                       ;
0000          .IFF                                      ;
0000          .PSECT  $$$917A,PAGE                      ;
0000          .ENDC                                     ;
0000          PQLSAV...=.                               ; SAVE LOCATION COUNTER
0000          .=PQL$AL_DEFAULT+<4*PQL$_'Q>              ; POINT INTO DEFAULT TABLE
0000          .ENDC   ; NOT_DEFINED GETSYISW
0000          PARAMETER       ADDRESS=PQL$GD'Q,-        ;
0000                          DEFAULT=DEFLT,-           ;
0000                          NAME=PQL_D'Q,-   ;
0000                          SIZE=LONG,-               ;
0000                          TYPE=<PQL,SYSGEN,DYNAMIC_FLAG>,-      ;
0000                          UNIT=UNT                  ;
0000          .IF     NOT_DEFINED GETSYISW
0000          .IF     NDF,PRMSW                         ;
0000          .PSECT  $$$917,PAGE                       ;
0000          .IFF
0000          .PSECT  $$$917A,PAGE                      ;
0000          .ENDC                                     ;
0000    PQLSAV...=.                                     ;
0000          .=PQL$AL_MIN+<4*PQL$_'Q>                  ; POINT INTO MINIMUM VALUE TABLE
0000          .ENDC   ; NOT_DEFINED GETSYISW
0000          PARAMETER       ADDRESS=PQL$GM'Q,-        ;
0000                          DEFAULT=MINIM,-           ;
0000                          NAME=PQL_M'Q,-   ;
0000                          SIZE=LONG,-               ;
0000                          TYPE=<PQL,SYSGEN,DYNAMIC_FLAG>,-      ;
0000                          UNIT=UNT                  ;
0000          .IF     NOT_DEFINED GETSYISW
0000          .IF     NDF,PRMSW
0000          .PSECT  $$$917,PAGE                       ;
```

```
                    0000              .IFF
                    0000              .PSECT  $$$917A,PAGE
                    0000              .ENDC                                 ;
                    0000      PQLSAV...=.                                   ;
                    0000              .=PQL$AB_FLAG+PQL$_'Q                 ; POINT INTO FLAG BYTE FOR QUOTA
                    0000              .BYTE   FLAG                          ; AND FILL IN FLAG
                    0000              .=PQLSAV...                           ; RESTORE LOCATION COUNTER
                    0000              .ENDC   ; NOT_DEFINED GETSYISW
                    0000              .ENDM   PQL                           ;
                    0000
                    0000      ;
                    0000      ; EQUATED SYMBOLS:
                    0000      ;
        00000000    0000      PQL_V_DEDUCT=0                                ; DEDUCTIBILE QUOTA FLAG
                    0000
        00000001    0000      PQL_M_DEDUCT=1                                ; FLAG VALUE FOR DEDUCTIBLE QUOTA
        00000001    0000      DEDUCTIBLE=PQL_M_DEDUCT                       ; NAME FOR READIBILITY
                    0000
                    0000      .IF     DF,PRMSW                              ; DO IF PARAMETER
                    0000      PRM$M_DYNFLAGS == 0
                    0000      .ENDC
                    0000
                    0000      ;
                    0000      ; DEFINE THE SYSTEM CONTROL FLAGS.  ANY FLAGS ADDED SHOULD BE PLACED
                    0000      ; IN THE FIELD DEFINITION THAT CORRESPONDS TO THE CELL IN SYSCOMMON FROM
                    0000      ; WHICH THE FLAGS ARE REFERENCED.  (THIS WAS ORIGINALLY EXE$GL_FLAGS, BUT
                    0000      ; OVER TIME WILL SPLIT INTO EXE$GL_DYNAMIC_FLAGS, EXE$GL_STATIC_FLAGS, AND
                    0000      ; EXE$GL_STATE_FLAGS.)
                    0000      ;
                    0000              $GBLINI GLOBAL
                    0000              $VIELD  EXE,0,<-                      ; DEFINITION FOR EXE$GL_FLAGS
                    0000                      SYSWRTABL,-                   ; LEAVE SYSTEM READ ONLY CODE WRITABLE
                    0000                      NOAUTOCNF,-                   ; NO AUTOMATIC CONFIGURATION OF UBA
                    0000                      SYSPAGING,-                   ; ENABLE SYSTEM PAGING
                    0000                      POOLPGING,-                   ; ENABLE DYNAMIC POOL PAGING
                    0000                      SIMULATOR,-                   ; RUNNING ON SIMULATOR
                    0000                      NOCLOCK,-                     ; DO NOT TURN ON CLOCK
                    0000                      CRDENABL,-                    ; ENABLE CRD ERROR DETECTION
                    0000                      SBIERR,-                      ; ENABLE SBI ERROR INTERRUPT
                    0000                      INIT,-                        ; RMS AND FILE SYSTEM INITIALIZED
                    0000                      SETTIME,-                     ; FORCE SOLICITATION OF TIME
                    0000                      FATAL_BUG,-                   ; FORCE ALL BUG CHECKS FATAL
                    0000                      MULTACP,-                     ; USE MULTIPLE FILE ACP'S
                    0000                      NOCLUSTER,-                   ; TURN OFF PAGE FAULT CLUSTERING
                    0000                      BUGREBOOT,-                   ; AUTO REBOOT ON BUGCHECK
                    0000                      SYSUAFALT,-                   ; ALTERNATE LOGICAL NAME FOR SYSUAF
                    0000                      SHRF11ACP,-                   ; MAKE F11ACP SHARABLE AT BOOT TIME
                    0000                      BUGDUMP,-                     ; TAKE SYSTEM DUMP ON BUGCHECK
                    0000                      RESALLOC,-                    ; ENABLE RESOURCE ALLOCATION CHECKS
                    0000                      CONCEALED,-                   ; ENABLE USE OF CONCEALED DEVICES
                    0000                      SSINHIBIT,-                   ; INHIBIT SYSTEM SERVICES PER-PROCESS
                    0000                      EXPLICITP,-                   ; IF SET TODAY IS CONSIDERED PRIMARY
                    0000                      EXPLICITS,-                   ; IF SET TODAY IS CONSIDERED SECONDARY
                    0000                      PGFLFRAG,-                    ; SET IF PAGE FILE FRAGMENTED MSG ISSUED
                    0000                      PGFLCRIT,-                    ; SET IF PAGE FILE FULL MSG ISSUED
                    0000                      TBCHK,-                       ; SET IF PROCESSOR REGISTER TBCHK PRESENT
                    0000                      PAGFILDMP,-                   ; SET IF DUMP IS IN PAGE FILE
```

```
    0000                      SAVEDUMP,-              ; SET TO SAVE DUMP UNTIL ANALYZED
    0000                      JOBQUEUES,-             ; Set if JOBCTL to enable queues
    0000                      REINITQUE,-             ; Set if JOBCTL to reinitialize JBCSYSQUE
    0000                      CJFLOAD,-               ; Set if CJF is to be loaded at boot time
    0000                      CJFSYSRUJ,-             ; Set if a recovery unit journal exists for
    0000             >
    0000 ;           $VIELD   EXE,0,<-                ; DEFINITION FOR EXE$GL_STATE_FLAGS
    0000 ;           >
    0000
    0000             .IF      NOT_DEFINED GETSYISW
    0000
    0000 ;
    0000 ; OWN STORAGE:
    0000 ;
    0000             .IF      NDF,PRMSW               ;
00000000             .PSECT   $$$917,PAGE             ; PAGE ALIGNED
    0000             .IFF                             ;
    0000             .PSECT   $$$917A,PAGE
    0000             .ENDC                            ;
    0000             DEFINE   EXE$A_SYSPARAM          ; SYSTEM PARAMETER BASE
    0000             .IF      DF,PRMSW                ;
    0000 BOO$A_SYSPARAM::                             ; BASE OF DEFAULTS
    0000             .PSECT   $$$918,LONG             ; PARAMETER DESCRIPTOR LIST
    0000 BOO$A_PRMBLK::                               ;
    0000             .ENDC                            ;
    0000             .IF      NDF,PRMSW               ;
00000000             .PSECT   $$$917,PAGE             ;
    0000             .IFF
    0000             .PSECT   $$$917A,PAGE
    0000             .ENDC
    0000
```

```
                           0000   714          .SBTTL  SYSTEM TIME VARIABLES
                           0000   715 ;
                           0000   716 ;                SYSTEM TIME VARIABLES
                           0000   717 ;
                           0000   718          DEFINE  EXE$GQ_TODCBASE          ; TIME OF DAY CLOCK BASE (BOOT TIME)
  008C4737 66070000        0000   719          .QUAD   ^X008C473766070000       ; 01-JAN-1984 00:00:00.00
                           0008   720 ;
                           0008   721          DEFINE  EXE$GL_TODR              ; TIME OF DAY REGISTER VALUE CORRESPONDING
           10000000        0008   722          .LONG   1@28                     ; TO EXE$GQ_TODCBASE; IT'S NOT ZERO
                           000C   723                                           ; BECAUSE ANYTHING LESS THAN 1@28
                           000C   724                                           ; IS USED TO INDICATE CLOCK LOST POWER
                           000C   725
                           000C   726          .ENDC   ; NOT_DEFINED GETSYISW
```

```
0000C                .SBTTL  SYSGEN PARAMETERS
0000C          ;
0000C          ;     SYSGEN PARAMETERS
0000C          ;
0000C
0000C          ; When the code in SYS$GETSYI/F$GETSYI/LIB$GETSYI invokes the SYI_GENERATE_TABLE
0000C          ; macro once, the PARAMETER macro (and therefore the SYI_ITEM_CODE macro)
0000C          ; will be invoked many times, generating the item-code control tables used
0000C          ; by the above peices of code.
0000C
0000C                ; Start the definition of the macro
0000C
0000C                .MACRO  SYI_GENERATE_TABLE
0000C
0000C                ; Define the GETSYI item-code which are Not SYSBOOT params
0000C
0000C                .IIF    DEFINED GETSYISW,       SYI_ITEMTABLES
0000C
0000C          ;
0000C          ; DEFAULT PAGE FAULT CLUSTER SIZE - SPECIFIES THE MAXIMUM NUMBER OF
0000C          ;       PAGES WHICH WILL BE READ FROM SECTIONS NOT SPECIFYING A CLUSTER FACTOR.
0000C          ;       THIS ALSO APPLIES TO PAGE FILE PAGES.
0000C          ;
0000C                PARAMETER       ADDRESS=SGN$GW_DFPFC,-  ;
0000C                                DEFAULT=32,-            ;
0000C                                MIN=0,-                 ;
0000C                                MAX=127,-               ;
0000C                                NAME=PFCDEFAULT,-       ;
0000C                                SIZE=WORD,-             ;
0000C                                TYPE=<DYNAMIC,SYS,MAJOR>,-      ;
0000C                                UNIT=Pages
0000C          ;
0000C          ; DEFAULT PAGE TABLE PAGE FAULT CLUSTER SIZE - SPECIFIES THE MAXIMUM NUMBER OF
0000C          ;       OF PAGE TABLES TO ATTEMPT TO READ TO SATISFY A FAULT FOR A NON-RESIDENT
0000C          ;       PAGE TABLE.
0000C          ;
0000C                PARAMETER       ADDRESS=SGN$GB_PGTBPFC,-        ;
0000C                                DEFAULT=2,-             ;
0000C                                MIN=0,-                 ;
0000C                                MAX=127,-               ;
0000C                                NAME=PAGTBLPFC,-        ;
0000C                                SIZE=BYTE,-             ;
0000C                                TYPE=<DYNAMIC,SPECIAL>,-        ;
0000C                                UNIT=Pages
0000C          ;
0000C          ;     PAGE FAULT CLUSTER FOR SYSTEM PAGING
0000C          ;
0000C                PARAMETER       ADDRESS=SGN$GB_SYSPFC,- ;
0000C                                DEFAULT=1,-             ;
0000C                                MIN=0,-                 ;
0000C                                MAX=127,-               ;
0000C                                NAME=SYSPFC,-           ;
0000C                                SIZE=BYTE,-             ;
0000C                                TYPE=<SPECIAL>,-        ;
0000C                                UNIT=Pages
0000C          ;
0000C          ; NUMBER OF KNOWN FILE LISTS - ESTABLISHES THE MAXIMUM NUMBER OF KNOWN
```

```
000C     ;       FILE LISTS THAT CAN BE MADE KNOWN TO THE SYSTEM.
000C     ;
000C             PARAMETER       ADDRESS=SGN$GB_KFILSTCT,-       ;
000C                             DEFAULT=4,-                 ;
000C                             MIN=2,-                     ;
000C                             MAX=255,-                   ;
000C                             NAME=KFILSTCNT,-            ;
000C                             SIZE=BYTE,-                 ;
000C                             TYPE=<SYSGEN,SYS>,-         ;
000C                             UNIT=Slots
000C
000C             .IIF    NOT_DEFINED GETSYISW,   .ALIGN  WORD
000C     ;
000C     ; GLOBAL SECTION COUNT - DETERMINES THE MAXIMUM NUMBER OF GLOBAL SECTIONS
000C     ;       WHICH CAN BE MADE KNOWN TO THE SYSTEM BY ALLOCATING THE NECESSARY
000C     ;       STORAGE FOR THE GST ENTRIES.
000C     ;
000C             PARAMETER       ADDRESS=SGN$GW_GBLSECNT,-       ;
000C                             DEFAULT=128,-               ;
000C                             MIN=20,-                    ;
000C                             NAME=GBLSECTIONS,-          ;
000C                             SIZE=WORD,-                 ;
000C                             TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C                             UNIT=Sections
000C     ;
000C     ; GLOBAL PAGE COUNT - ESTABLISHES THE SIZE OF THE GLOBAL PAGE TABLE AND THE
000C     ;       LIMIT FOR THE TOTAL NUMBER OF GLOBAL PAGES THAT CAN BE CREATED.
000C     ;
000C
000C             PARAMETER       ADDRESS=SGN$GL_MAXGPGCT,-       ;
000C                             DEFAULT=4096,-              ;
000C                             MIN=512,-                   ;
000C                             NAME=GBLPAGES,-             ;
000C                             SIZE=LONG,-                 ;
000C                             TYPE=<SYSGEN,SYS,MAJOR>,-               ;
000C                             UNIT=Pages
000C     ;
000C     ; GLOBAL PAGE PAGE FILE PAGE LIMIT - ESTABLISHES THE MAXIMUM NUMBER OF GLOBAL
000C     ; PAGES WITH PAGE FILE BACKING STORE THAT CAN BE CREATED.
000C     ;
000C
000C             PARAMETER       ADDRESS=SGN$GL_GBLPAGFIL,-      ;
000C                             DEFAULT=1024,-              ;
000C                             MIN=128,-                   ;
000C                             NAME=GBLPAGFIL,-                ;
000C                             SIZE=LONG,-                 ;
000C                             TYPE=<SYS>,-                ;
000C                             UNIT=Pages
000C
000C     ;
000C     ; MAXIMUM PROCESS COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESSES
000C     ;
000C             PARAMETER       ADDRESS=SGN$GW_MAXPRCCT,-       ;
000C                             DEFAULT=72,-                ;
000C                             MIN=12,-                    ;
000C                             MAX=8192,-                  ;
000C                             NAME=MAXPROCESSCNT,-        ;
```

```
000C                                      SIZE=WORD,-                  ;
000C                                      TYPE=<SYSGEN,SYS,MAJOR>,-              ;
000C                                      UNIT=Processes
000C
000C      ;
000C      ; PROCESS SCAN COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESSES TO SCAN
000C      ; FOR PRIORITY BOOSTING.
000C      ;
000C              PARAMETER               ADDRESS=SGN$GW_PIXSCAN,-;
000C                                      DEFAULT=1,-                  ;
000C                                      MIN=0,-                      ;
000C                                      MAX=8192,-                   ;
000C                                      NAME=PIXSCAN,-               ;
000C                                      SIZE=WORD,-                  ;
000C                                      TYPE=<SPECIAL,DYNAMIC>,-;
000C                                      UNIT=Processes
000C
000C      ;
000C      ; PROCESS SECTION COUNT - GUARANTEED NUMBER OF PROCESS SECTIONS THAT CAN
000C      ;       BE CREATED.  DEPENDING ON SIZE OF WORKING SET, THE ACTUAL NUMBER
000C      ;       OF SECTIONS CAN ACTUALLY BE GREATER.
000C      ;
000C              PARAMETER               ADDRESS=SGN$GW_MAXPSTCT,-        ;
000C                                      DEFAULT=32,-                 ;
000C                                      MIN=5,-                      ;
000C                                      MAX=1024,-                   ;
000C                                      NAME=PROCSECTCNT,-           ;
000C                                      SIZE=WORD,-                  ;
000C                                      TYPE=<SYSGEN,SYS>,-              ;
000C                                      UNIT=Sections
000C
000C
000C      ;
000C      ; MINIMUM WORKING SET SIZE - ESTABLISHES THE SMALLEST SIZE THAT ADJWSL WILL
000C      ;       SET A PROCESS' WORKING SET.
000C      ;
000C              PARAMETER               ADDRESS=SGN$GW_MINWSCNT,-        ;
000C                                      DEFAULT=20,-                 ;
000C                                      MIN=10,-                     ;
000C                                      NAME=MINWSCNT,-              ;
000C                                      SIZE=WORD,-                  ;
000C                                      TYPE=<STATIC,SYSGEN,SYS>,-       ;
000C                                      UNIT=Pages
000C
000C
000C      ;
000C      ; NUMBER OF PAGING FILES - DETERMINES THE MAXIMUM NUMBER OF PAGING FILES
000C      ;       THAT CAN BE MADE KNOW TO THE SYSTEM.
000C      ;
000C              PARAMETER               ADDRESS=SGN$GW_PAGFILCT,-        ;
000C                                      DEFAULT=2,-                  ;
000C                                      MIN=1,-                      ;
000C                                      MAX=63,-                     ;
000C                                      NAME=PAGFILCNT,-             ;
000C                                      SIZE=WORD,-                  ;
000C                                      TYPE=<SYS,SYSGEN>,-          ;
000C                                      UNIT=Files
```

```
000C
000C    ;
000C    ; NUMBER OF SWAP FILES - ESTABLISHES THE MAXIMUM NUMBER OF SWAPFILES THAT
000C    ;       CAN BE MADE KNOWN TO THE SYSTEM.
000C    ;
000C            PARAMETER       ADDRESS=SGN$GW_SWPFILES,-       ;
000C                            DEFAULT=2,-             ;
000C                            MIN=0,-                 ;
000C                            MAX=63,-                ;
000C                            NAME=SWPFILCNT,-        ;
000C                            SIZE=WORD,-             ;
000C                            TYPE=<SYS,SYSGEN>,-     ;
000C                            UNIT=Files
000C
000C
000C    ;
000C    ; SYSTEM WORKING SET COUNT - ESTABLISHES THE NUMBER OF PAGES FOR THE WORKING
000C    ;       SET CONTAINING THE CURRENTLY RESIDENT PAGES OF PAGABLE SYSTEM SPACE.
000C    ;
000C            PARAMETER       ADDRESS=SGN$GW_SYSDWSCT,-       ;
000C                            DEFAULT=250,-           ;
000C                            MIN=40,-                ;
000C                            MAX=16384,-             ;
000C                            NAME=SYSMWCNT,-         ;
000C                            SIZE=WORD,-             ;
000C                            TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C                            UNIT=Pages
000C
000C    ;
000C    ; INTERRUPT STACK SIZE - ESTABLISHES THE SIZE OF THE INTERRUPT STACK IN PAGES
000C    ;
000C            PARAMETER       ADDRESS=SGN$GW_ISPPGCT,-        ;
000C                            DEFAULT=2,-                     ;
000C                            MIN=1,-                         ;
000C                            NAME=INTSTKPAGES,-              ;
000C                            SIZE=WORD,-                     ;
000C                            TYPE=<SYS,SYSGEN>,-             ;
000C                            UNIT=Pages
000C    ;
000C    ; AMOUNT OF EXTRA INTERRUPT STACK TO LEAVE WHEN DOING DEADLOCK SEARCH
000C    ;
000C            PARAMETER       ADDRESS=LCK$GL_EXTRASTK,-       ;
000C                            DEFAULT=512,-                   ;
000C                            MIN=256,-                       ;
000C                            NAME=DLCKEXTRASTK,-             ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SPECIAL>,-                ;
000C                            UNIT=Bytes                      ;
000C
000C    ;
000C    ; BALANCE SET COUNT - DETERMINES THE MAXIMUM NUMBER OF PROCESS THAT CAN BE
000C    ;       BE CONCURRENTLY RESIDENT.
000C    ;
000C            PARAMETER       ADDRESS=SGN$GL_BALSETCT,-       ;
000C                            DEFAULT=36,-    ;
000C                            MIN=4,-         ;
000C                            MAX=1024,-      ;
```

```
000C                                   NAME=BALSETCNT,-        ;
000C                                   SIZE=LONG,-        ;
000C                                   TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C                                   UNIT=Slots
000C           ;
000C           ; COUNT OF PRE-ALLOCATED I/O PACKETS - DETERMINES THE NUMBER OF I/O PACKETS
000C           ;        TO BE PRE-ALLOCATED AND LINKED TOGETHER FOR FAST ALLOCATION AND
000C           ;        DEALLOCATION.
000C           ;
000C                    PARAMETER         ADDRESS=SGN$GL_IRPCNT,-  ;
000C                                      DEFAULT=60,-             ;
000C                                      MIN=0,-                  ;
000C                                      MAX=32768,-              ;
000C                                      NAME=IRPCOUNT,-          ;
000C                                      SIZE=LONG,-              ;
000C                                      TYPE=<SYSGEN,MAJOR,SYS>,-        ;
000C                                      UNIT=Packets
000C           ;
000C           ; NUMBER OF PACKETS TO WHICH THE IRPLIST MAY BE EXTENDED.
000C           ;
000C                    PARAMETER         ADDRESS=SGN$GL_IRPCNTV,-;
000C                                      DEFAULT=1000,-           ;
000C                                      MIN=0,-                  ;
000C                                      MAX=32768,-              ;
000C                                      NAME=IRPCOUNTV,-         ;
000C                                      SIZE=LONG,-              ;
000C                                      TYPE=<SYSGEN,SYS>,-      ;
000C                                      UNIT=Packets
000C           ;
000C           ; MAXIMUM SIZE OF PROCESS WORKING SET. DETERMINES THE SYSTEM WIDE MAXIMUM
000C           ;        SIZE OF A PROCESS WORKING SET REGARDLESS OF PROCESS QUOTA.
000C           ;
000C                    PARAMETER         ADDRESS=SGN$GL_MAXWSCNT,-        ;
000C                                      DEFAULT=1024,-           ;
000C                                      MIN=60,-                 ;
000C                                      MAX=64000,-              ;
000C                                      NAME=WSMAX,-             ;
000C                                      SIZE=LONG,-              ;
000C                                      TYPE=<SYSGEN,SYS,MAJOR>,-        ;
000C                                      UNIT=Pages
000C
000C           ;
000C           ; NON-PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO ALLOCATE FOR
000C           ;        THE NON-PAGED DYNAMIC POOL.
000C           ;
000C                    PARAMETER         ADDRESS=SGN$GL_NPAGEDYN,-        ;
000C                                      DEFAULT=131072,-         ; 256 pages
000C                                      MIN=16384,-              ;
000C                                      NAME=NPAGEDYN,-          ;
000C                                      SIZE=LONG,-              ;
000C                                      TYPE=<SYSGEN,SYS,MAJOR>,-        ;
000C                                      UNIT=Bytes
000C           ;
000C           ; NON-PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO WHICH
000C           ;        THE NON-PAGED DYNAMIC POOL MAY BE EXTENDED.  THIS PARAMETER
000C           ;        IS USED TO ALLOCATE THE NECESSARY PAGE TABLE ENTRIES.
000C           ;
```

```
000C            PARAMETER       ADDRESS=SGN$GL_NPAGEVIR,-       ;
000C                            DEFAULT=400000,-                ;
000C                            MIN=16384,-                     ;
000C                            NAME=NPAGEVIR,-                 ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYSGEN,SYS>,-             ;
000C                            UNIT=Bytes
000C  ;
000C  ; PAGED DYNAMIC POOL - DETERMINES THE NUMBER OF BYTES TO ALLOCATE FOR THE
000C  ;         PAGED DYNAMIC POOL.
000C  ;
000C            PARAMETER       ADDRESS=SGN$GL_PAGEDYN,-        ;
000C                            DEFAULT=190000,-                ;
000C                            MIN=10240,-                     ;
000C                            NAME=PAGEDYN,-                  ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYSGEN,SYS,MAJOR>,-               ;
000C                            UNIT=Bytes
000C
000C  ;
000C  ; MAXIMUM VIRTUAL PAGE COUNT - DETERMINES THE TOTAL NUMBER OF PAGES THAT
000C  ;         CAN BE MAPPED FOR A PROCESS, WHICH CAN BE DIVIDED IN ANY FASHION
000C  ;         BETWEEN P0 AND P1 SPACE.
000C  ;
000C            PARAMETER       ADDRESS=SGN$GL_MAXVPGCT,-       ;
000C                            DEFAULT=8192,-                  ;
000C                            MIN=512,-                       ;
000C                            MAX=300000,-                    ; MORE THAN 128 MEGABYTES
000C                            NAME=VIRTUALPAGECNT,-           ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYSGEN,SYS,MAJOR>,-       ;
000C                            UNIT=Pages
000C
000C  ;
000C  ; REQUESTED SPT EXTENSION - NUMBER OF ADDITIONAL SPT SLOT TO ALLOW
000C  ;
000C            PARAMETER       ADDRESS=SGN$GL_SPTREQ,- ;
000C                            DEFAULT=896,-           ;
000C                            NAME=SPTREQ,-           ;
000C                            SIZE=LONG,-             ;
000C                            TYPE=<SYS,SYSGEN>,-     ;
000C                            UNIT=Pages
000C  ;
000C  ; EXTRA USER STACK AUTOMATICALLY PROVIDED BY THE IMAGE ACTIVATOR
000C  ;         SO THAT THE OPERATING SYSTEM CAN RECOVER FROM A STACK OVERFLOW.
000C  ;
000C            PARAMETER       ADDRESS=SGN$GL_EXUSRSTK,- ;
000C                            DEFAULT=<2*512>,-       ;
000C                            MIN=<2*512>,-           ;
000C                            NAME=EXUSRSTK,-         ;
000C                            SIZE=LONG,-             ;
000C                            TYPE=<SPECIAL>,-        ;
000C                            UNIT=<Pages*512>        ;
000C  ;
000C  ; NUMBER OF LARGE REQUEST PACKETS TO ALLOCATE TO THE LRP LOOK ASIDE LIST
000C  ;
000C            PARAMETER       ADDRESS=SGN$GL_LRPCNT,- ;
```

```
000C                            DEFAULT=4,-                     ;
000C                            MIN=0,-                         ;
000C                            MAX=4096,-                      ;
000C                            NAME=LRPCOUNT,-                 ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYS,SYSGEN,MAJOR>,-       ;         ;
000C                            UNIT=<Packets>                  ;
000C      ;
000C      ; NUMBER OF LARGE REQUEST PACKETS TO WHICH THE LRP LOOK ASIDE LIST
000C      ; MAY BE EXTENDED.  USED TO ALLOCATE THE APPROPRIATE VIRTUAL SPACE.
000C      ;
000C            PARAMETER       ADDRESS=SGN$GL_LRPCNTV,-;
000C                            DEFAULT=80,-                    ;
000C                            MIN=0,-                         ;
000C                            MAX=4096,-                      ;
000C                            NAME=LRPCOUNTV,-                ;         ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYS,SYSGEN>,-             ;
000C                            UNIT=<Packets>                  ;
000C      ;
000C      ; SIZE OF LARGE REQUEST PACKETS (BYTES)
000C      ;
000C            PARAMETER       ADDRESS=SGN$GL_LRPSIZE,-;
000C                            DEFAULT=576,-                   ;
000C                            MIN=256,-                       ;
000C                            MAX=16384,-                     ;
000C                            NAME=LRPSIZE,-                  ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYS,SYSGEN>,-             ;
000C                            UNIT=<Bytes>                    ;
000C      ;
000C      ; MINIMUM ALLOCATION REQUEST FOR LARGE REQUEST PACKETS (BYTES)
000C      ;
000C            PARAMETER       ADDRESS=SGN$GL_LRPMIN,-;
000C                            DEFAULT=480,-                   ;
000C                            MIN=256,-                       ;
000C                            MAX=16384,-                     ;
000C                            NAME=LRPMIN,-                   ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SPECIAL>,-                ;
000C                            UNIT=<Bytes>                    ;
000C      ;
000C      ; NUMBER OF SMALL REQUEST PACKETS TO ALLOCATE TO THE SRP LOOK ASIDE LIST
000C      ;
000C            PARAMETER       ADDRESS=SGN$GL_SRPCNT,-;
000C                            DEFAULT=120,-                   ;
000C                            MIN=0,-                         ;
000C                            MAX=4096,-                      ;
000C                            NAME=SRPCOUNT,-                 ;
000C                            SIZE=LONG,-                     ;
000C                            TYPE=<SYS,SYSGEN,MAJOR>,-       ;         ;
000C                            UNIT=<Packets>                  ;
000C      ;
000C      ; NUMBER OF SMALL REQUEST PACKETS TO WHICH THE SRP LOOK ASIDE LIST
000C      ; MAY BE EXTENDED.  USED TO ALLOCATE THE APPROPRIATE VIRTUAL SPACE.
000C      ;
000C            PARAMETER       ADDRESS=SGN$GL_SRPCNTV,-;
```

```
000C                              DEFAULT=1000,-          ;
000C                              MIN=0,-                 ;
000C                              MAX=131072,-            ;
000C                              NAME=SRPCOUNTV,-        ;
000C                              SIZE=LONG,-             ;
000C                              TYPE=<SYS,SYSGEN>,-     ;
000C                              UNIT=<Packets>          ;
000C        ;
000C        ; SIZE OF SMALL REQUEST PACKETS (BYTES)
000C        ;
000C              PARAMETER       ADDRESS=SGN$GL_SRPSIZE,-;
000C                              DEFAULT=96,-            ;
000C                              MIN=96,-                ;
000C                              MAX=144,-               ;
000C                              NAME=SRPSIZE,-          ;
000C                              SIZE=LONG,-             ;
000C                              TYPE=<SPECIAL>,-        ;
000C                              UNIT=<Bytes>            ;
000C        ;
000C        ; MINIMUM ALLOCATION REQUEST FOR SMALL REQUEST PACKETS (BYTES)
000C        ;
000C              PARAMETER       ADDRESS=SGN$GL_SRPMIN,-;
000C                              DEFAULT=32,-            ;
000C                              MIN=0,-                 ;
000C                              MAX=144,-               ;
000C                              NAME=SRPMIN,-           ;
000C                              SIZE=LONG,-             ;
000C                              TYPE=<SPECIAL>,-        ;
000C                              UNIT=<Bytes>            ;
000C        ;
000C        ;     PERMANENT I/O CHANNEL COUNT - SPECIFES THE NUMBER OF PERMANENT I/O
000C        ;     CHANNELS TO PROVIDE.
000C        ;
000C              PARAMETER       ADDRESS=SGN$GW_PCHANCNT,-        ;
000C                              DEFAULT=127,-           ;
000C                              MIN=31,-                ;
000C                              MAX=2047,-              ;
000C                              NAME=CHANNELCNT,-       ;
000C                              SIZE=WORD,-             ;
000C                              TYPE=<SPECIAL>,-        ;
000C                              UNIT=Channels
000C        ;
000C        ;     PROCESS I/O PAGES - SPECIFIES THE NUMBER OF PAGES OF PROCESS
000C        ;     I/O ADDRESS SPACE FOR PRCSTRT TO CREATE.
000C        ;
000C              PARAMETER       ADDRESS=SGN$GW_PIOPAGES, - ;
000C                              DEFAULT=120, -          ;
000C                              MIN=10, -               ;
000C                              NAME=PIOPAGES, -        ;
000C                              SIZE=WORD, -            ;
000C                              TYPE=<SPECIAL>, -       ;
000C                              UNIT=Pages
000C
000C        ;
000C        ;     CONTROL REGION IMPURE PAGES - SPECIFIES THE NUMBER OF PAGES OF
000C        ;     PROCESS ALLOCATION REGION SPACE FOR PRCSTRT TO CREATE.
000C        ;
```

```
000C        PARAMETER    ADDRESS=SGN$GW_CTLPAGES, - ;
000C                     DEFAULT=50, -             ;
000C                     MIN=10, -                 ;
000C                     NAME=CTLPAGES, -          ;
000C                     SIZE=WORD, -              ;
000C                     TYPE=<SPECIAL>, -         ;
000C                     UNIT=Pages
000C
000C  ;
000C  ; LIMIT ON USE OF THE PROCESS ALLOCATION REGION BY IMAGE REQUESTS
000C  ;
000C        PARAMETER    ADDRESS=SGN$GW_CTLIMGLIM, - ;
000C                     DEFAULT=35,-              ;
000C                     MIN=0, -                  ;
000C                     NAME=CTLIMGLIM, -         ;
000C                     SIZE=WORD, -              ;
000C                     TYPE=<SPECIAL>, -         ;
000C                     UNIT=Pages
000C  ;
000C  ; DEFAULT NUMBER OF PAGES OF IMAGE I/O ADDRESS SPACE USED BY
000C  ;     THE IMAGE ACTIVATOR IF NOT SPECIFIED AT PROGRAM LINK TIME.
000C  ;
000C        PARAMETER    ADDRESS=SGN$GW_IMGIOCNT,-         ;
000C                     DEFAULT=64,-              ;
000C                     MIN=32,-                  ;
000C                     NAME=IMGIOCNT,-           ;
000C                     SIZE=WORD,-               ;
000C                     TYPE=<DYNAMIC,SPECIAL>,-          ;
000C                     UNIT=Pages
000C        .PAGE
000C        .SBTTL  CONTROL PARAMETERS
000C
000C        .IIF    NOT_DEFINED GETSYISW,   .ALIGN  WORD
000C
000C  ;
000C  ;     GENERAL SYSTEM CONTROL PARAMETERS
000C  ;
000C        PARAMETER    ADDRESS=SCH$GW_QUAN,-     ; PROCESS QUANTUM
000C                     DEFAULT=-20,-             ; NEGATED
000C                     MIN=2,-                   ;
000C                     MAX=32767,-               ;
000C                     NAME=QUANTUM,-            ;
000C                     SIZE=WORD,-               ;
000C                     TYPE=<DYNAMIC,SYS,NEG,MAJOR>,-  ;
000C                     UNIT=10Ms                 ;
000C  ;
000C  ;     MODIFIED PAGE WRITER CONTROL PARAMETERS
000C  ;
000C        DEFINE  MPW$AW_INITVAL
000C  ;
000C  ;     PAGE WRITE CLUSTER FACTOR - SPECIFIES THE NUMBER OF PAGES TO ATTEMPT
000C  ;     TO WRITE AS A SINGLE I/O TRANSFER TO CONTIGUOUS DISK.
000C  ;
000C        PARAMETER    ADDRESS=MPW$GW_MPWPFC,- ;
000C                     DEFAULT=96,-              ;
000C                     MIN=16,-                  ;
000C                     MAX=120,-                 ;
```

```
000C                                       NAME=MPW_WRTCLUSTER,-    ;
000C                                       SIZE=WORD,-              ;
000C                                       TYPE=<SYSGEN,SYS>,-      ;
000C                                       UNIT=Pages
000C      ;
000C      ;       MODIFIED PAGE LIST HIGH LIMIT - THRESHOLD AT WHICH TO BEGIN WRITING
000C      ;       MODIFIED PAGES.
000C      ;
000C              PARAMETER                ADDRESS=MPW$GW_HILIM,-   ;
000C                                       DEFAULT=500,-            ;
000C                                       MIN=0,-                  ;
000C                                       MAX=16384,-              ;
000C                                       NAME=MPW_HILIMIT,-       ;
000C                                       SIZE=WORD,-              ;
000C                                       TYPE=<SYSGEN,SYS>,-      ;
000C                                       UNIT=Pages
000C      ;
000C      ;       MODIFIED PAGE LIST LOW LIMIT - THRESHOLD AT WHICH MODIFIED PAGE WRITING
000C      ;       WILL NORMALLY STOP.  WRITING STARTED AT THE HIGH LIMIT AND PAGES
000C      ;       ARE WRITTEN IN CHUNKS CONTROLLED BY THE CLUSTER FACTOR. WHEN THE
000C      ;       LENGTH OF THE MODIFIED PAGE LIST HAS BEEN REDUCED BELOW THE LOW LIMIT,
000C      ;       WRITING CEASES UNTIL ENOUGH PAGES HAVE BEEN ADDED TO EXCEED THE
000C      ;       HIGH LIMIT.
000C      ;
000C              PARAMETER                ADDRESS=MPW$GW_LOLIM,-   ;
000C                                       DEFAULT=32,-             ;
000C                                       MIN=0,-                  ;
000C                                       MAX=16384,-              ;
000C                                       NAME=MPW_LOLIMIT,-       ;
000C                                       SIZE=WORD,-              ;
000C                                       TYPE=<SYSGEN,SYS>,-      ;
000C                                       UNIT=Pages
000C      ;
000C      ; MODIFIED PAGE WRITER I/O PRIORITY.  THIS PARAMETER SETS THE PRIORITY OF
000C      ; I/O TRANSFERS INITIATED BY THE MODIFIED PAGE WRITER.
000C      ;
000C              PARAMETER                ADDRESS=MPW$GB_PRIO,-    ;
000C                                       DEFAULT=4,-              ;
000C                                       MIN=0,-                  ;
000C                                       MAX=31,-                 ;
000C                                       NAME=MPW_PRIO,-          ;
000C                                       SIZE=BYTE,-              ;
000C                                       TYPE=<SPECIAL,DYNAMIC>   ;
000C      ;
000C      ; SWAPPER I/O PRIORITY.  THIS PARAMETER SETS THE PRIORITY OF
000C      ; I/O TRANSFERS INITIATED BY THE SWAPPER.
000C      ;
000C              PARAMETER                ADDRESS=SWP$GB_PRIO,-    ;
000C                                       DEFAULT=4,-              ;
000C                                       MIN=0,-                  ;
000C                                       MAX=31,-                 ;
000C                                       NAME=SWP_PRIO,- ;
000C                                       SIZE=BYTE,-              ;
000C                                       TYPE=<SPECIAL,DYNAMIC>   ;
000C      ;
000C      ; MODIFIED PAGE WRITER LOWER LIMIT THRESHOLD STOPPING USE OF MODIFIED PAGE
000C      ; WRITER FROM BEING USED AS PRIMARY MECHANISM TO RECOVER MEMORY.
```

```
000C  ;
000C          PARAMETER      ADDRESS=MPW$GL_THRESH,-  ;
000C                         DEFAULT=200,-            ;
000C                         MIN=0,-                  ;
000C                         MAX=16384,-              ;
000C                         NAME=MPW_THRESH,-        ;
000C                         SIZE=LONG,-              ;
000C                         TYPE=<SYS,DYNAMIC>       ;
000C  ;
000C  ; MODIFIED PAGE WRITER BUSY WAIT LIMIT.  THIS IS USED AS A THRESHOLD OF
000C  ; WHEN TO PUT A PROCESS INTO RESOURCE WAIT IF IT IS GENERATING A MODIFIED
000C  ; PAGE AND THE SIZE OF THE MODIFIED LIST IS GREATER THAN THIS PARAMETER.
000C  ;
000C          PARAMETER      ADDRESS=MPW$GL_WAITLIM,-;
000C                         DEFAULT=500,-            ;
000C                         MIN=0,-                  ;
000C                         MAX=16384,-              ;
000C                         NAME=MPW_WAITLIMIT,-     ;
000C                         SIZE=LONG,-              ;
000C                         TYPE=<SYS,DYNAMIC>       ;
000C  ;
000C  ; MAXIMUM NUMBER OF WORKING SET LIST ENTRIES THAT MAY BE SKIPPED WHILE
000C  ; SCANNING FOR A "GOOD" ENTRY TO DISCARD.  SET TO 0 TO DISABLE SKIPPING.
000C  ;
000C          PARAMETER      ADDRESS=SGN$GW_WSLMXSKP,-        ;
000C                         DEFAULT=8,-              ;
000C                         MIN=0,-                  ;
000C                         MAX=512,-                ;
000C                         NAME=TBSKIPWSL,-                 ;
000C                         SIZE=WORD,-              ;
000C                         TYPE=<DYNAMIC,SPECIAL>,-         ;
000C                         UNIT=Pages
000C
000C  ;
000C  ; Maximum number of physical pages to be used - permits testing of smaller
000C  ; memory configurations without actually removing memory boards.
000C  ;
000C          PARAMETER      ADDRESS=MMG$GL_PHYPGCNT,-        ;
000C                         DEFAULT=262144,-         ;
000C                         MIN=2048,-      ;
000C                         MAX=262144,-    ;
000C                         NAME=PHYSICALPAGES,-     ;
000C                         SIZE=LONG,-     ;
000C                         TYPE=<SPECIAL>,-         ;
000C                         UNIT=Pages
000C  ;
000C  ; Page fault rate lower threshold.  This parameter sets the lower page fault rate
000C  ; threshold for automatic working set size adjustment.
000C  ;
000C          PARAMETER      ADDRESS=SCH$GL_PFRATL,- ;
000C                         DEFAULT=0,-     ;
000C                         MIN=0,- ;
000C                         NAME=PFRATL,-   ;
000C                         SIZE=LONG,-     ;
000C                         TYPE=<SYS,DYNAMIC,MAJOR>,-       ;
000C                         UNIT=Flts/10Sec ;
000C  ;
```

```
000C  ; Page fault rate high threshold.  This parameter sets the upper page fault
000C  ; rate threshold for automatic working set adjustment.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_PFRATH,- ;
000C                          DEFAULT=120,-   ;
000C                          MIN=0,- ;
000C                          NAME=PFRATH,-   ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C                          UNIT=Flts/10Sec ;
000C  ;
000C  ; Page fault rate system threshold.  This parameter sets the target system page
000C  ; fault threshold.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_PFRATS,- ;
000C                          DEFAULT=0,-     ;
000C                          MIN=0,- ;
000C                          NAME=PFRATS,-   ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SPECIAL,DYNAMIC>,-        ;
000C                          UNIT=Flts/10Sec ;
000C  ;
000C  ; Working set increment.  This parameter sets the number of pages to increase the
000C  ; working set size to compensate for a high page fault rate.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_WSINC,-  ;
000C                          DEFAULT=150,-   ;
000C                          MIN=0,- ;
000C                          NAME=WSINC,-    ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C                          UNIT=Pages      ;
000C  ;
000C  ; Working set decrement.  This parameter sets the number of pages to decrease
000C  ; the working set to compensate for a page fault rate below the lower threshold.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_WSDEC,-  ;
000C                          DEFAULT=35,-    ;
000C                          MIN=0,- ;
000C                          NAME=WSDEC,-    ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C                          UNIT=Pages      ;
000C  ;
000C  ; Working set minimum. Sets the minimum working set size to ever be set
000C  ; by the automatic adjustment logic.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GW_AWSMIN,- ;
000C                          DEFAULT=50,-    ;
000C                          MIN=0,-         ;
000C                          NAME=AWSMIN,-   ;
000C                          SIZE=WORD,-     ;
000C                          TYPE=<SYS,DYNAMIC>,-;
000C                          UNIT=Pages      ;
000C  ;
000C  ; Working set measurement interval.  Sets the minimum interval of compute
000C  ; time for the measurement of page fault rate.
```

```
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_AWSTIME,-        ;
000C                          DEFAULT=20,-    ;
000C                          MIN=1,-         ;
000C                          NAME=AWSTIME,-  ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SYS,DYNAMIC>,-;
000C                          UNIT=10Ms       ;
000C  ;
000C  ; Swap rate control.  This parameter sets the swapping rate and serves to limit
000C  ; the consumption of disk bandwidth by swapping.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GL_SWPRATE,-        ;
000C                          DEFAULT=500,-   ;
000C                          MIN=0,- ;
000C                          NAME=SWPRATE,-  ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SPECIAL,DYNAMIC>,-        ;
000C                          UNIT=10Ms/Swap  ;
000C  ;
000C  ; Desired process page count for an outswap swap.  This parameter sets the
000C  ; number of pages to attempt to reduce a working set to before starting the
000C  ; outswap.
000C  ;
000C          PARAMETER       ADDRESS=SWP$GL_SWPPGCNT,-       ;
000C                          DEFAULT=60,-    ;
000C                          MIN=0,- ;
000C                          NAME=SWPOUTPGCNT,-      ;
000C                          SIZE=LONG,-     ;
000C                          TYPE=<SYS,DYNAMIC>,-    ;
000C                          UNIT=Pages      ;
000C  ;
000C  ; Swap file allocation increment value.  The size in blocks to use to backup
000C  ; swap file space allocation in the swap or page file.  Space in the file will
000C  ; be allocated multiples of this unit up to wsquota to guarantee swap space.
000C  ;
000C          PARAMETER       ADDRESS=SWP$GW_SWPINC,- ;
000C                          DEFAULT=96,-            ;
000C                          MIN=16,-                ;
000C                          NAME=SWPALLOCINC,-      ;
000C                          SIZE=WORD,-             ;
000C                          TYPE=<SPECIAL>,-        ;
000C                          UNIT=Blocks             ;
000C  ;
000C  ;       I/O time allowance.  This parameter sets the number of 10 millisecond
000C  ;       units to charge the current residence quantum for each voluntary wait.
000C  ;       The correct value approximates the cost of a disk I/O neglecting wait time.
000C  ;
000C          PARAMETER       ADDRESS=SCH$GW_IOTA,-   ;
000C                          DEFAULT=2,-     ;
000C                          MIN=0,- ;
000C                          MAX=32767,-     ;
000C                          NAME=IOTA,-     ;
000C                          SIZE=WORD,-     ;
000C                          TYPE=<SPECIAL,DYNAMIC>,-        ;
000C                          UNIT=10Ms       ;
000C  ;
```

```
000C  ;     Elapsed realtime to cause a HIB or LEF process to look like it is in
000C  ;     longwait.  This parameter sets the number of 1 second units
000C  ;     that need to have elapsed.  Longwait processes are one of the most
000C  ;     eligible to attempt to recover pages from when a shortage is detected.
000C  ;
000C        PARAMETER       ADDRESS=SCH$GW_LONGWAIT,-       ;
000C                        DEFAULT=30,-    ;
000C                        MIN=0,- ;
000C                        MAX=65535,-     ;
000C                        NAME=LONGWAIT,- ;
000C                        SIZE=WORD,-     ;
000C                        TYPE=<SYS,DYNAMIC>,-    ;
000C                        UNIT=Seconds    ;
000C  ;
000C  ;     Elapsed realtime to cause a low priority COM process to look like it is
000C  ;     dormant. This parameter sets the number of 1 second units
000C  ;     that need to have elapsed.  Dormant processes are one of the most
000C  ;     eligible to attempt to recover pages from when a shortage is detected.
000C  ;
000C        PARAMETER       ADDRESS=SCH$GW_DORMANTWAIT,-    ;
000C                        DEFAULT=10,-    ;
000C                        MIN=0,- ;
000C                        MAX=65535,-     ;
000C                        NAME=DORMANTWAIT,-      ;
000C                        SIZE=WORD,-     ;
000C                        TYPE=<SYS,DYNAMIC>,-    ;
000C                        UNIT=Seconds    ;
000C  ;
000C  ;     Swap fail count. This parameter sets the number of consecutive swap
000C  ;     schedule failures to occur before the swap schedule algorithm changes
000C  ;     to ignore the swap quantum protection.
000C  ;
000C        PARAMETER       ADDRESS=SCH$GW_SWPFAIL,-        ;
000C                        DEFAULT=20,-    ;
000C                        MIN=0,- ;
000C                        MAX=32767,-     ;
000C                        NAME=SWPFAIL,-  ;
000C                        SIZE=WORD,-     ;
000C                        TYPE=<SPECIAL,DYNAMIC>  ;
000C
000C  ;
000C  ;     These are reserved parameters for undefined use by either Digital
000C  ;     or user written system services.
000C  ;
000C  ;
000C  ;     This is the start of the Digital reserved parameters.
000C  ;
000C
000C        PARAMETER       ADDRESS=SGN$GL_VMSD1,-  ;
000C                        DEFAULT=0,-     ;
000C                        MIN=0,- ;
000C                        NAME=VMSD1,-    ;
000C                        SIZE=LONG,-     ;
000C                        TYPE=<SPECIAL,DYNAMIC>  ;
000C  ;
000C        PARAMETER       ADDRESS=SGN$GL_VMSD2,-  ;
000C                        DEFAULT=0,-     ;
```

```
000C                                    MIN=0,- ;
000C                                    NAME=VMSD2,-    ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL,DYNAMIC>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMSD3,-  ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMSD3,-    ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL,DYNAMIC>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMSD4,-  ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMSD4,-    ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL,DYNAMIC>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMS5,-   ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMS5,-     ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMS6,-   ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMS6,-     ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMS7,-   ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMS7,-     ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL>  ;
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_VMS8,-   ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=VMS8,-     ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<SPECIAL>  ;
000C
000C    ;
000C    ;       This is the start of the user reserved sysgen parameters.
000C    ;
000C            PARAMETER               ADDRESS=SGN$GL_USERD1,- ;
000C                                    DEFAULT=0,-     ;
000C                                    MIN=0,- ;
000C                                    NAME=USERD1,-   ;
000C                                    SIZE=LONG,-     ;
000C                                    TYPE=<DYNAMIC>  ;
000C    ;
```

```
000C            PARAMETER       ADDRESS=SGN$GL_USERD2,- ;
000C                            DEFAULT=0,-       ;
000C                            MIN=0,- ;
000C                            NAME=USERD2,-     ;
000C                            SIZE=LONG,-       ;
000C                            TYPE=<DYNAMIC>    ;
000C    ;
000C            PARAMETER       ADDRESS=SGN$GL_USER3,-  ;
000C                            DEFAULT=0,-       ;
000C                            MIN=0,- ;
000C                            NAME=USER3,-      ;
000C                            SIZE=LONG,-       ;
000C                            TYPE=<>           ;
000C    ;
000C            PARAMETER       ADDRESS=SGN$GL_USER4,-  ;
000C                            DEFAULT=0,-       ;
000C                            MIN=0,- ;
000C                            NAME=USER4,-      ;
000C                            SIZE=LONG,-       ;
000C                            TYPE=<>           ;
000C
000C    ;
000C    ;       Extra CPU time.  This parameter sets the number of 10 millisecond
000C    ;       units to be allowed as an extension when CPU time expires.  One
000C    ;       extension is allowed for each access mode.
000C    ;
000C            PARAMETER       ADDRESS=SGN$GL_EXTRACPU,-           ;
000C                            DEFAULT=1000,-  ; 10 Seconds
000C                            MIN=0,-         ;
000C                            NAME=EXTRACPU,- ;
000C                            SIZE=LONG,-     ;
000C                            TYPE=<SYS,DYNAMIC>,-    ;
000C                            UNIT=10Ms         ;
000C
000C    ;
000C    ; Maximum group code for system UIC
000C    ;
000C            PARAMETER       ADDRESS=EXE$GL_SYSUIC,- ;
000C                            DEFAULT=8,-       ;
000C                            MIN=1,-           ;
000C                            MAX=32768,-       ;
000C                            NAME=MAXSYSGROUP,-      ;
000C                            SIZE=LONG,-       ;
000C                            TYPE=<SYS,DYNAMIC>,-    ;
000C                            UNIT=<UIC Group>
000C    ;
000C    ; Maximum time for a device to languish in mount verification before giving up.
000C    ;
000C            PARAMETER       ADDRESS=IOC$GW_MVTIMEOUT,-
000C                            DEFAULT=600,-                   ; 10 minute default
000C                            MIN=1,-
000C                            MAX=64000,-                     ;
000C                            NAME=MVTIMEOUT,-                ;
000C                            SIZE=WORD,-                     ;
000C                            TYPE=<SYS,DYNAMIC>,-
000C                            UNIT=Seconds
000C    ;
```

```
000C  ; Maximum allowable buffered I/O request size
000C  ;
000C          PARAMETER       ADDRESS=IOC$GW_MAXBUF,- ;
000C                          DEFAULT=1584,-        ;
000C                          MIN=1200,-            ;
000C                          MAX=64000,-           ;
000C                          NAME=MAXBUF,-         ;
000C                          SIZE=WORD,-           ;
000C                          TYPE=<SYS,DYNAMIC>,-     ;
000C                          UNIT=Bytes
000C  ;
000C  ; Default buffer quota for Mailbox creation
000C  ;
000C          PARAMETER       ADDRESS=IOC$GW_MBXBFQUO,-        ;
000C                          DEFAULT=1056,-        ;
000C                          MIN=256,-             ;
000C                          MAX=64000,-           ;
000C                          NAME=DEFMBXBUFQUO,-      ;
000C                          SIZE=WORD,-           ;
000C                          TYPE=<SYS,DYNAMIC>,-     ;
000C                          UNIT=Bytes
000C  ;
000C  ; Default maximum message size for Mailbox creation
000C  ;
000C          PARAMETER       ADDRESS=IOC$GW_MBXMXMSG,-        ;
000C                          DEFAULT=256,-         ;
000C                          MIN=64,-              ;
000C                          MAX=64000,-           ;
000C                          NAME=DEFMBXMXMSG,-       ;
000C                          SIZE=WORD,-           ;
000C                          TYPE=<SYS,DYNAMIC>,-     ;
000C                          UNIT=Bytes
000C  ;
000C  ; Default number of messages for Mailbox creation
000C  ;
000C          PARAMETER       ADDRESS=IOC$GW_MBXNMMSG,-        ;
000C                          DEFAULT=16,-          ;
000C                          MIN=1,-               ;
000C                          NAME=DEFMBXNUMMSG,-      ;
000C                          SIZE=WORD,-           ;
000C                          TYPE=<SYS,DYNAMIC>,-     ;
000C                          UNIT=Messages
000C  ;
000C  ;       DESIRED FREE LIST LENGTH - SPECIFIES THE NUMBER OF FREE PAGES TO
000C  ;                       BE MAINTAINED AVAILABLE BY THE SWAPPER.
000C  ;
000C          PARAMETER       ADDRESS=SGN$GL_FREELIM,-         ;
000C                          DEFAULT=32,-             ;
000C                          MIN=16,-                 ;
000C                          NAME=FREELIM,-           ;
000C                          SIZE=LONG,-              ;
000C                          TYPE=<SYS,SYSGEN,MAJOR>,-        ;
000C                          UNIT=Pages
000C  ;
000C  ;       Target free list length - specifies the number of free pages
000C  ;                       that the swapper will attempt to make available
000C  ;                       when correcting for free list < FREELIM.
```

```
000C ;
000C         PARAMETER       ADDRESS=SGN$GL_FREEGOAL,-       ;
000C                         DEFAULT=200,-                   ;
000C                         MIN=16,-                        ;
000C                         NAME=FREEGOAL,-                 ;
000C                         SIZE=LONG,-                     ;
000C                         TYPE=<SYS,MAJOR>,-              ;
000C                         UNIT=Pages
000C ;
000C ;       DESIRED FREE LIST LENGTH THAT MUST EXIST TO ALLOW PROCESSES
000C ;                       TO GROW PAST WSQUOTA.
000C ;
000C         PARAMETER       ADDRESS=SCH$GL_GROWLIM,-;
000C                         DEFAULT=63,-                    ;
000C                         MIN=0,-                         ;
000C                         NAME=GROWLIM,-                  ;
000C                         SIZE=LONG,-                     ;
000C                         TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C                         UNIT=Pages
000C ;
000C ;       DESIRED FREE LIST LENGTH THAT MUST EXIST TO ALLOW PROCESSES
000C ;                       TO GROW PAST WSQUOTA.
000C ;
000C         PARAMETER       ADDRESS=SCH$GL_BORROWLIM,-      ;
000C                         DEFAULT=300,-                   ;
000C                         MIN=0,-                         ;
000C                         NAME=BORROWLIM,-                ;
000C                         SIZE=LONG,-                     ;
000C                         TYPE=<SYS,DYNAMIC,MAJOR>,-      ;
000C                         UNIT=Pages
000C ;
000C ; NUMBER OF RETRIES TO PERFORM WHEN TRYING TO LOCK A MULTI-PROCESSOR
000C ; DATA STRUCTURE
000C ;
000C         PARAMETER       ADDRESS=EXE$GL_LOCKRTRY,-       ;
000C                         DEFAULT=100000,-                ;
000C                         MIN=1,-                         ;
000C                         NAME=LOCKRETRY,-                ;
000C                         SIZE=LONG,-                     ;
000C                         TYPE=<SPECIAL,DYNAMIC>,-;
000C                         UNIT=Retries
000C ;
000C ; Maximum DR32 data rate
000C ;
000C         PARAMETER       ADDRESS=IOC$GW_XFMXRATE,-       ;
000C                         DEFAULT=236,-                   ;
000C                         MIN=0,-                         ;
000C                         MAX=255,-                       ;
000C                         NAME=XFMAXRATE,-                ;
000C                         SIZE=WORD,-                     ;
000C                         TYPE=<SYS,DYNAMIC>,-            ;
000C                         UNIT=Special
000C ;
000C ; Number of Unibus map registers to preallocate for LPA11
000C ;
000C         PARAMETER       ADDRESS=IOC$GW_LAMAPREG,-       ;
000C                         DEFAULT=0,-                     ;
```

```
000C                                   MIN=0,-               ;
000C                                   MAX=255,-             ;
000C                                   NAME=LAMAPREGS,-      ;
000C                                   SIZE=WORD,-           ;
000C                                   TYPE=<SYS,SYSGEN>,-        ;
000C                                   UNIT=Mapregs
000C
000C     ;
000C     ; Number of SPT entries to preallocate for use by real time processes
000C     ; connecting to devices via the connect to interrupt driver.
000C     ;
000C
000C             PARAMETER             ADDRESS=EXE$GL_RTIMESPT,-
000C                                   DEFAULT=0,-
000C                                   MIN=0,-
000C                                   NAME=REALTIME_SPTS,-
000C                                   SIZE=LONG,-
000C                                   TYPE=<SYS,SYSGEN>,-
000C                                   UNIT=Pages
000C
000C     ;
000C     ; Number of pages created for command interpreter symbol table.
000C     ;
000C
000C             PARAMETER             ADDRESS=EXE$GL_CLITABL,-
000C                                   DEFAULT=60,-
000C                                   MIN=10,-
000C                                   MAX=128,-
000C                                   NAME=CLISYMTBL,-
000C                                   SIZE=LONG,-
000C                                   TYPE=<SYS,SYSGEN,DYNAMIC>,-
000C                                   UNIT=Pages
000C
000C     ;
000C     ; Initial size of lock id table (and growing increment).
000C     ;
000C
000C             PARAMETER             ADDRESS=LCK$GL_IDTBLSIZ,-
000C                                   DEFAULT=200,-
000C                                   MIN=40,-
000C                                   MAX=65535,-
000C                                   NAME=LOCKIDTBL,-
000C                                   SIZE=LONG,-
000C                                   TYPE=<SYS,SYSGEN,MAJOR>,-
000C                                   UNIT=Entries
000C
000C     ;
000C     ; Maximum size of lock id table.
000C     ;
000C
000C             PARAMETER             ADDRESS=LCK$GL_IDTBLMAX,-
000C                                   DEFAULT=800,-
000C                                   MIN=200,-
000C                                   MAX=65535,-
000C                                   NAME=LOCKIDTBL_MAX,-
000C                                   SIZE=LONG,-
000C                                   TYPE=<SYS,SYSGEN,MAJOR,DYNAMIC>,-
```

```
000C                                UNIT=Entries
000C
000C      ;
000C      ; Size of resource hash table.
000C      ;
000C
000C            PARAMETER           ADDRESS=LCK$GL_HTBLSIZ,-
000C                                DEFAULT=64,-
000C                                MIN=1,-
000C                                MAX=8192,-
000C                                NAME=RESHASHTBL,-
000C                                SIZE=LONG,-
000C                                TYPE=<SYS,SYSGEN,MAJOR>,-
000C                                UNIT=Entries
000C
000C      ;
000C      ; Deadlock detection timeout period
000C      ;
000C
000C            PARAMETER           ADDRESS=LCK$GL_WAITTIME,-
000C                                DEFAULT=10,-
000C                                MIN=0,-
000C                                NAME=DEADLOCK_WAIT,-
000C                                SIZE=LONG,-
000C                                TYPE=<SYS,DYNAMIC>,-
000C                                UNIT=Seconds
000C
000C      ;
000C      ; SCS allocation counts - Buffer Descriptor Table entries
000C      ;
000C            PARAMETER           ADDRESS=SCS$GW_BDTCNT,-
000C                                DEFAULT=50,-
000C                                MIN=0,-
000C                                MAX=32767,-
000C                                NAME=SCSBUFFCNT,-
000C                                SIZE=WORD,-
000C                                TYPE=<SYSGEN,SCS>,-
000C                                UNIT=Entries
000C
000C      ;
000C      ; SCS allocation counts - Connect Descriptor Table entries
000C      ;
000C            PARAMETER           ADDRESS=SCS$GW_CDTCNT,-
000C                                DEFAULT=40,-
000C                                MIN=2,-
000C                                MAX=32767,-
000C                                NAME=SCSCONNCNT,-
000C                                SIZE=WORD,-
000C                                TYPE=<SYSGEN,SCS>,-
000C                                UNIT=Entries
000C
000C      ;
000C      ; SCS allocation counts - Response Descriptor Table entries
000C      ;
000C            PARAMETER           ADDRESS=SCS$GW_RDTCNT,-
000C                                DEFAULT=100,-
000C                                MIN=0,-
```

```
000C                            MAX=32767,-
000C                            NAME=SCSRESPCNT,-
000C                            SIZE=WORD,-
000C                            TYPE=<SYSGEN,SCS>,-
000C                            UNIT=Entries
000C
000C  ;
000C  ; SCS maximum datagram size
000C  ;
000C
000C        PARAMETER           ADDRESS=SCS$GW_MAXDG,-
000C                            DEFAULT=576,-
000C                            MIN=28,-
000C                            MAX=985,-
000C                            NAME=SCSMAXDG,-
000C                            SIZE=WORD,-
000C                            TYPE=<SYSGEN,SCS>,-
000C                            UNIT=Bytes
000C
000C  ;
000C  ; SCS maximum sequenced message size
000C  ;
000C
000C        PARAMETER           ADDRESS=SCS$GW_MAXMSG,-
000C                            DEFAULT=112,-
000C                            MIN=52,-
000C                            MAX=985,-
000C                            NAME=SCSMAXMSG,-
000C                            SIZE=WORD,-
000C                            TYPE=<SYSGEN,SCS>,-
000C                            UNIT=Bytes
000C
000C  ;
000C  ; SCS flow control cushion
000C  ;
000C
000C        PARAMETER           ADDRESS=SCS$GW_FLOWCUSH,-
000C                            DEFAULT=1,-
000C                            MIN=0,-
000C                            MAX=16,-
000C                            NAME=SCSFLOWCUSH,-
000C                            SIZE=WORD,-
000C                            TYPE=<SCS,DYNAMIC>,-
000C                            UNIT=Credits
000C
000C  ;
000C  ; SCS system id (unique 48 bit number per system)
000C  ;
000C
000C        PARAMETER           ADDRESS=SCS$GB_SYSTEMID,-
000C                            DEFAULT=0,-
000C                            NAME=SCSSYSTEMID,-
000C                            SIZE=LONG,-
000C                            TYPE=<SYSGEN,SCS>,-
000C                            UNIT=Pure-number
000C
000C        PARAMETER           ADDRESS=SCS$GB_SYSTEMIDH,-
```

```
000C                                  DEFAULT=0,-
000C                                  NAME=SCSSYSTEMIDH,-
000C                                  SIZE=LONG,-
000C                                  TYPE=<SYSGEN,SCS>,-
000C                                  UNIT=Pure-number
000C
000C    ;
000C    ; SCS system node name
000C    ;
000C
000C            PARAMETER             ADDRESS=SCS$GB_NODENAME,-
000C                                  DEFAULT=<^A/    />,-
000C                                  MIN=<^A/    />,-
000C                                  MAX=<^A/ZZZZ/>,-
000C                                  NAME=SCSNODE,-
000C                                  SIZE=QUAD,-
000C                                  TYPE=<ASCII,SYSGEN,SCS>,-
000C                                  UNIT=Ascii
000C
000C    ;
000C    ; SCA process poller - polling interval
000C    ;
000C
000C            PARAMETER             ADDRESS=SCS$GW_PRCPOLINT,-
000C                                  DEFAULT=15,-
000C                                  MIN=1,-
000C                                  MAX=32767,-
000C                                  NAME=PRCPOLINTERVAL,-
000C                                  SIZE=WORD,-
000C                                  TYPE=<SCS,DYNAMIC>,-
000C                                  UNIT=Seconds
000C
000C    ;
000C    ; CI port - timeout for START/STACK sequence, also basic driver wakeup interval
000C    ;
000C
000C            PARAMETER             ADDRESS=SCS$GW_PASTMOUT,-
000C                                  DEFAULT=5,-
000C                                  MIN=1,-
000C                                  MAX=99,-
000C                                  NAME=PASTIMOUT,-
000C                                  SIZE=WORD,-
000C                                  TYPE=<SCS,DYNAMIC>,-
000C                                  UNIT=Seconds
000C
000C    ;
000C    ; CI port - number of DG buffers to queue for START handshake
000C    ;
000C
000C            PARAMETER             ADDRESS=SCS$GW_PAPPDDG,-
000C                                  DEFAULT=4,-
000C                                  MIN=1,-
000C                                  MAX=16,-
000C                                  NAME=PASTDGBUF,-
000C                                  SIZE=WORD,-
000C                                  TYPE=<SCS>,-
000C                                  UNIT=Buffers
```

```
000C
000C    ;
000C    ; CI port - number of ports to poll each interval (for future expansion)
000C    ;
000C
000C            PARAMETER       ADDRESS=SCS$GB_PANPOLL,-
000C                            DEFAULT=16,-
000C                            MIN=1,-
000C                            MAX=223,-
000C                            NAME=PANUMPOLL,-
000C                            SIZE=BYTE,-
000C                            TYPE=<SCS,DYNAMIC>,-
000C                            UNIT=Ports
000C
000C    ;
000C    ; CI port - maximum port # to poll each interval (for future expansion)
000C    ;
000C
000C            PARAMETER       ADDRESS=SCS$GB_PAMXPORT,-
000C                            DEFAULT=15,-
000C                            MIN=0,-
000C                            MAX=223,-
000C                            NAME=PAMAXPORT,-
000C                            SIZE=BYTE,-
000C                            TYPE=<SCS,DYNAMIC>,-
000C                            UNIT=Port-number
000C    ;
000C    ; CI port - time between poll initiates
000C    ;
000C
000C            PARAMETER       ADDRESS=SCS$GW_PAPOLINT,-
000C                            DEFAULT=5,-
000C                            MIN=1,-
000C                            MAX=32767,-
000C                            NAME=PAPOLLINTERVAL,-
000C                            SIZE=WORD,-
000C                            TYPE=<SCS,DYNAMIC>,-
000C                            UNIT=Seconds
000C
000C    ;
000C    ; CI port - time between check for SYSAP's waiting for pool
000C    ;
000C
000C            PARAMETER       ADDRESS=SCS$GW_PAPOOLIN,-
000C                            DEFAULT=15,-
000C                            MIN=1,-
000C                            MAX=32767,-
000C                            NAME=PAPOOLINTERVAL,-
000C                            SIZE=WORD,-
000C                            TYPE=<SCS,DYNAMIC>,-
000C                            UNIT=Seconds
000C
000C    ;
000C    ; CI port - Flags including sanity timer enable/disable
000C    ;
000C
000C            PARAMETER       ADDRESS=SCS$GB_PASANITY,-
```

```
0000C                                   DEFAULT=1,-
0000C                                   MIN=0,-
0000C                                   MAX=1,-
0000C                                   NAME=PASANITY,-
0000C                                   SIZE=BYTE,-
0000C                                   TYPE=<SCS,DYNAMIC>,-
0000C                                   UNIT=Boolean
0000C
0000C   ;
0000C   ; CI port - Flags including CI remote port polling enable/disable
0000C   ;
0000C
0000C           PARAMETER               ADDRESS=SCS$GB_PANOPOLL,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   MAX=1,-
0000C                                   NAME=PANOPOLL,-
0000C                                   SIZE=BYTE,-
0000C                                   TYPE=<SCS,DYNAMIC>,-
0000C                                   UNIT=Boolean
0000C
0000C   ;
0000C   ; This is the start of the PEDRIVER reserved SYSGEN parameters.
0000C   ;
0000C
0000C           PARAMETER               ADDRESS=SGN$GL_PE1,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   NAME=PE1,-
0000C                                   SIZE=LONG,-
0000C                                   TYPE=<SPECIAL,DYNAMIC>
0000C
0000C           PARAMETER               ADDRESS=SGN$GL_PE2,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   NAME=PE2,-
0000C                                   SIZE=LONG,-
0000C                                   TYPE=<SPECIAL,DYNAMIC>
0000C
0000C           PARAMETER               ADDRESS=SGN$GL_PE3,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   NAME=PE3,-
0000C                                   SIZE=LONG,-
0000C                                   TYPE=<SPECIAL,DYNAMIC>
0000C
0000C           PARAMETER               ADDRESS=SGN$GL_PE4,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   NAME=PE4,-
0000C                                   SIZE=LONG,-
0000C                                   TYPE=<SPECIAL,DYNAMIC>
0000C
0000C           PARAMETER               ADDRESS=SGN$GL_PE5,-
0000C                                   DEFAULT=0,-
0000C                                   MIN=0,-
0000C                                   NAME=PE5,-
```

```
000C                          SIZE=LONG,-
000C                          TYPE=<SPECIAL>
000C
000C        PARAMETER         ADDRESS=SGN$GL_PE6,-
000C                          DEFAULT=0,-
000C                          MIN=0,-
000C                          NAME=PE6,-
000C                          SIZE=LONG,-
000C                          TYPE=<SPECIAL>
000C
000C  ;
000C  ;     Time prompt timeout - this parameter sets the amount of time to wait
000C  ;     for the time of day to be entered when booting.  The default value
000C  ;     of -1 gives the behavior of V2 and earlier.
000C  ;
000C        PARAMETER         ADDRESS=SGN$GW_TPWAIT,-
000C                          DEFAULT=-1,-
000C                          MIN=0,-
000C                          NAME=TIMEPROMPTWAIT,-
000C                          SIZE=WORD,-
000C                          TYPE=<SYS>,-
000C                          UNIT=uFortnights        ; Close enough to seconds
000C
000C  ;
000C  ; UDA port - UDABURSTRATE is one less than the maximum number of longwords
000C  ;            the host is willing to allow per NPR transfer.  Zero implies
000C  ;            the port should use its own default.  Both the port's
000C  ;            default and the maximum the port will accept are Controller
000C  ;            dependent.
000C
000C        PARAMETER         ADDRESS=SCS$GB_UDABURST,-
000C                          DEFAULT=0,-
000C                          MIN=0,-
000C                          MAX=31,-
000C                          NAME=UDABURSTRATE,-
000C                          SIZE=BYTE,-
000C                          TYPE=<SYSGEN,SCS>,-
000C                          UNIT=Longwords
000C
000C
000C  ;
000C  ; NOTE: The following two entries must be contiguous and in order!!!!
000C  ;
000C  ; Size of SYSTEM space logical name hash table.
000C  ;
000C
000C        PARAMETER         ADDRESS=LNM$GL_HTBLSIZS,-
000C                          DEFAULT=128,-
000C                          MIN=1,-
000C                          MAX=16383,-
000C                          NAME=LNMSHASHTBL,-
000C                          SIZE=LONG,-
000C                          TYPE=<SYS,SYSGEN>,-
000C                          UNIT=Entries
000C
000C  ;
```

```
000C    ; Size of PROCESS space logical name hash table.
000C    ;
000C
000C            PARAMETER       ADDRESS=LNM$GL_HTBLSIZP,-
000C                            DEFAULT=128,-
000C                            MIN=1,-
000C                            MAX=16383,-
000C                            NAME=LNMPHASHTBL,-
000C                            SIZE=LONG,-
000C                            TYPE=<SYS,SYSGEN>,-
000C                            UNIT=Entries
000C
000C            .IF     NOT_DEFINED GETSYISW
000C    ;
000C    ;       PERMANENT DEFAULT SYSTEM FLAGS
000C    ;
000C            .ALIGN  LONG                            ;
000C            .IF     NDF,PRMSW                       ;
000C    EXE$GL_DEFFLAGS::                               ;
000C            .ENDC                                   ;
000C            .LONG   <1@EXE$V_SYSPAGING>-            ; ENABLE SYSTEM CODE PAGING
000C                    !<1@EXE$V_POOLPGING>-           ; ENABLE SYSTEM POOL PAGING
000C                    !<1@EXE$V_SBIERR>-              ; SBI ERROR DETECTION
000C                    !<1@EXE$V_BUGREBOOT>-           ; AUTOMATIC REBOOT ON BUGCHECK
000C                    !<1@EXE$V_CRDENABL>-            ; ENABLE CRD ERROR DETECTION
000C                    !<1@EXE$V_BUGDUMP>-             ; SYSTEM DUMP ON BUGCHECK
000C                    !<1@EXE$V_CONCEALED>-           ; ENABLE USE OF CONCEALED DEVICES
000C                    !<1@EXE$V_JOBQUEUES>-           ; Enable job controller queues
000C                    !<1@EXE$V_SHRF11ACP>            ; SHARE F11ACP
000C
000C            .ENDC   ; NOT_DEFINED GETSYISW
000C
000C    ;
000C    ;       BUGCHECK REBOOT - ENABLES AUTOMATIC REBOOT ON BUGCHECK
000C    ;
000C            .LIST   ME
000C            .NLIST  CND
000C            PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                            DEFAULT=1,-     ;
000C                            MAX=1,- ;
000C                            MIN=0,- ;
000C                            NAME=BUGREBOOT,-;
000C                            BIT=EXE$V_BUGREBOOT,-   ;
000C                            TYPE=<DYNAMIC,SYS>,-    ;
000C                            UNIT=Boolean
000C            .NLIST  ME
000C            .LIST   CND
000C    ;
000C    ;       CRD ERROR ENABLE - ENABLES DETECTION AND LOGGING OF MEMORY CRD ERRORS
000C    ;
000C            PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                            DEFAULT=1,-     ;
000C                            MAX=1,- ;
000C                            MIN=0,- ;
000C                            NAME=CRDENABLE,-;
000C                            BIT=EXE$V_CRDENABL,-;
000C                            TYPE=<SYS,SYSGEN>,-;
```

```
000C                              UNIT=Boolean
000C       ;
000C       ;      BUGCHECK DUMP ENABLE - ENABLE SYSTEM DUMP ON BUGCHECK
000C       ;
000C              PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-          ;
000C                              DEFAULT=1,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=DUMPBUG,- ;
000C                              BIT=EXE$V_BUGDUMP,-      ;
000C                              TYPE=<SYS>,-
000C                              UNIT=Boolean
000C       ;
000C       ;      FATAL BUGCHECK - TURNS ALL CONTINUABLE BUGCHECKS INTO FATAL BUGCHECKS
000C       ;
000C              PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-          ;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=BUGCHECKFATAL,-;
000C                              BIT=EXE$V_FATAL_BUG,-    ;
000C                              TYPE=<SYS,DYNAMIC>,-;
000C                              UNIT=Boolean
000C       ;
000C       ;      MULTIPLE ACP - SPECIFIES THAT SEPARATE ACPS ARE TO BE CREATED FOR
000C       ;                     EACH CLASS OF DISK.
000C
000C              PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=ACP_MULTIPLE,-      ;
000C                              BIT=EXE$V_MULTACP,-      ;
000C                              TYPE=<ACP,DYNAMIC>,-     ;
000C                              UNIT=Boolean
000C       ;
000C       ;      AUTO CONFIGURATION INHIBIT - INHIBITS THE AUTOMATIC CONFIGURATION
000C       ;                 OF DEVICES.
000C       ;
000C              PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=NOAUTOCONFIG,-
000C                              BIT=EXE$V_NOAUTOCNF,-    ;
000C                              TYPE=<SPECIAL,DYNAMIC>,-;
000C                              UNIT=Boolean
000C       ;
000C       ;      NO CLOCK - INHIBITS THE STARTING OF THE INTERVAL TIMER FOR DEBUGGING
000C       ;                 PURPOSES.
000C       ;
000C              PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-          ;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=NOCLOCK,- ;
000C                              BIT=EXE$V_NOCLOCK,-      ;
```

```
000C                              TYPE=<SPECIAL>,-         ;
000C                              UNIT=Boolean
000C       ;
000C       ;   CLUSTERING INHIBIT - INHIBITS ALL PAGE READ CLUSTERING
000C       ;
000C           PARAMETER          ADDRESS=EXE$GL_DEFFLAGS,-         ;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=NOCLUSTER,-         ;
000C                              BIT=EXE$V_NOCLUSTER,-    ;
000C                              TYPE=<SPECIAL>,-         ;
000C                              UNIT=Boolean
000C       ;
000C       ;   ENABLE PAGING OF PAGED DYNAMIC POOL
000C       ;
000C           PARAMETER          ADDRESS=EXE$GL_DEFFLAGS,-         ;
000C                              DEFAULT=1,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=POOLPAGING,-        ;
000C                              BIT=EXE$V_POOLPGING,-    ;
000C                              TYPE=<SPECIAL>,-;
000C                              UNIT=Boolean
000C       ;
000C       ;   SBI ERROR DETECTION ENABLE
000C       ;
000C           PARAMETER          ADDRESS=EXE$GL_DEFFLAGS,-         ;
000C                              DEFAULT=1,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=SBIERRENABLE,-      ;
000C                              BIT=EXE$V_SBIERR,-       ;
000C                              TYPE=<SPECIAL>,-         ;
000C                              UNIT=Boolean
000C       ;
000C       ;   FORCE ENTRY OF TIME AT SYSTEM BOOT
000C       ;
000C           PARAMETER          ADDRESS=EXE$GL_DEFFLAGS,-         ;
000C                              DEFAULT=0,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=SETTIME,- ;
000C                              BIT=EXE$V_SETTIME,-      ;
000C                              TYPE=<SYS,SYSGEN>,-;
000C                              UNIT=Boolean
000C       ;
000C       ;   ENABLE SHARING OF F11ACP
000C       ;
000C           PARAMETER          ADDRESS=EXE$GL_DEFFLAGS,-         ;
000C                              DEFAULT=1,-    ;
000C                              MAX=1,-        ;
000C                              MIN=0,-        ;
000C                              NAME=ACP_SHARE,-;
000C                              BIT=EXE$V_SHRF11ACP,-    ;
000C                              TYPE=<ACP>,-;
000C                              UNIT=Boolean
```

```
000C  ;
000C  ;       ENABLE PAGING OF SYSTEM CODE
000C  ;
000C          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-;
000C                          DEFAULT=1,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=SYSPAGING,-;
000C                          BIT=EXE$V_SYSPAGING,-   ;
000C                          TYPE=<SPECIAL>,-        ;
000C                          UNIT=Boolean
000C  ;
000C  ;       SELECT ALTERNATE AUTHORIZATION FILE - CAUSES SYSINIT TO MAKE A LOGICAL
000C  ;               NAME REDIRECTING SYSUAF TO SYSUAFALT.
000C  ;
000C          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                          DEFAULT=0,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=UAFALTERNATE,-     ;
000C                          BIT=EXE$V_SYSUAFALT,-   ;
000C                          TYPE=<SYS,SYSGEN>,-     ;
000C                          UNIT=Boolean
000C  ;
000C  ;       LEAVE SYSTEM WRITABLE - FOR DEBUGGING PURPOSES LEAVES SYSTEM CODE
000C  ;               WRITABLE.
000C          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                          DEFAULT=0,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=WRITABLESYS,-;
000C                          BIT=EXE$V_SYSWRTABL,-;
000C                          TYPE=<SPECIAL>,-        ;
000C                          UNIT=Boolean
000C  ;
000C  ;
000C  ;       Enable resource allocation checking
000C  ;
000C
000C          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                          DEFAULT=0,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=RESALLOC,-         ;
000C                          BIT=EXE$V_RESALLOC,-    ;
000C                          TYPE=<SPECIAL>,-        ;
000C                          UNIT=Boolean
000C
000C  ;
000C  ;       SET TO INHIBIT SYSTEM SERVICES ON A PER PROCESS BASIS
000C  ;
000C          PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                          DEFAULT=0,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=SSINHIBIT,-;
000C                          BIT=EXE$V_SSINHIBIT,-;
```

```
000C                                        TYPE=<SPECIAL>,-         ;
000C                                        UNIT=Boolean
000C
000C        ;
000C        ;       RESET TO DISABLE THE USE OF CONCEALED DEVICES
000C        ;
000C                PARAMETER               ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                                        DEFAULT=1,-     ;
000C                                        MAX=1,-         ;
000C                                        MIN=0,-         ;
000C                                        NAME=CONCEAL_DEVICES,-;
000C                                        BIT=EXE$V_CONCEALED,-;
000C                                        TYPE=<SPECIAL>,-         ;
000C                                        UNIT=Boolean
000C        ;
000C        ;       SAVEDUMP - IF THE DUMP IS IN THE PAGE FILE, SAVE IT UNTIL IT IS
000C        ;               ANALYZED AND COPIED.
000C        ;
000C                PARAMETER               ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                                        DEFAULT=0,-     ;
000C                                        MAX=1,-         ;
000C                                        MIN=0,-         ;
000C                                        NAME=SAVEDUMP,- ;
000C                                        BIT=EXE$V_SAVEDUMP,-     ;
000C                                        TYPE=<SYS>,-    ;
000C                                        UNIT=Boolean
000C        ;
000C        ;       CJFLOAD - Force CJF to be loaded as part of VMS during STARTUP
000C        ;**JNL** this parameter is temporarily special and off
000C        ;
000C                PARAMETER               ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C        ;*JNL**                         DEFAULT=1,-     ;
000C                                        DEFAULT=0,-     ;
000C                                        MAX=1,-         ;
000C                                        MIN=0,-         ;
000C                                        NAME=CJFLOAD,-;
000C                                        BIT=EXE$V_CJFLOAD,-      ;
000C        ;**JNL**                        TYPE=<SYS>,-    ;
000C                                        TYPE=<SPECIAL>,-         ;
000C                                        UNIT=Boolean
000C        ;
000C        ;       CJFSYSRUJ - Force creation of Recovery Unit journal for system disk
000C        ;                       during STARTUP. Recovery will take place during creation
000C        ;                       of this journal.
000C        ;**JNL** this parameter is temporarily special
000C        ;
000C                PARAMETER               ADDRESS=EXE$GL_DEFFLAGS,-       ;
000C                                        DEFAULT=0,-     ;
000C                                        MAX=1,-         ;
000C                                        MIN=0,-         ;
000C                                        NAME=CJFSYSRUJ,-;
000C                                        BIT=EXE$V_CJFSYSRUJ,-    ;
000C        ;**JNL**                        TYPE=<SYS>,-    ;
000C                                        TYPE=<SPECIAL>,-         ;
000C                                        UNIT=Boolean
000C
000C                .IF     NOT_DEFINED GETSYISW
```

```
000C   ;
000C   ; DYNAMIC SYSTEM CONTROL FLAGS.
000C   ;
000C            .ALIGN  LONG                          ;
000C            .IF     NDF,PRMSW                     ;
000C   EXE$GL_DYNAMIC_FLAGS::                         ; Dynamic SYSGEN flags
000C            .ENDC   ; NDF,PRMSW
000C            .LONG   <1@EXE$V_WRITESYSPARAMS>!-
000C                    <1@EXE$V_BRK_TERM>;
000C            .ENDC   ; NOT_DEFINED GETSYISW
000C
000C            $VIELD  EXE,0,<-                      ; DEFINITION FOR EXE$GL_DYNAMIC_FLAGS
000C                    CLASS_PROT,-                  ; Do non-discretionary classification check
000C                    WRITESYSPARAMS,-              ; Write the active parameters to the system
000C                    BRK_TERM,-                    ; Associate on terminal in breakin detection
000C                    BRK_DISUSER,-                 ; Disable user account on breakin
000C            >
000C
000C   ;
000C   ;        CLASS_PROT -    Perform the non-discretionary classification
000C   ;                        checks.  This also is looked at by the XQP to
000C   ;                        determine of a classification block should be
000C   ;                        added to the header of any created files.
000C   ;
000C            PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C                            DEFAULT=0,-     ;
000C                            MAX=1,-         ;
000C                            MIN=0,-         ;
000C                            NAME=CLASS_PROT,-;
000C                            BIT=EXE$V_CLASS_PROT,-  ;
000C                            TYPE=<DYNAMIC,SYS>,-    ;
000C                            UNIT=Boolean
000C
000C   ;
000C   ;
000C   ;        WRITESYSPARAMS - Set by SYSBOOT if a USE DEFAULT, USE "file", or a
000C   ;                        SET command is executed. Cleared if a USE CURRENT or
000C   ;                        WRITE CURRENT command is executed. If set STARTUP.COM
000C   ;                        will issue a WRITE CURRENT SYSGEN command.
000C   ;
000C            PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C                            DEFAULT=1,-     ;
000C                            MAX=1,-         ;
000C                            MIN=0,-         ;
000C                            NAME=WRITESYSPARAMS,-;
000C                            BIT=EXE$V_WRITESYSPARAMS,-;
000C                            TYPE=<DYNAMIC,SPECIAL>,-;
000C                            UNIT=Boolean
000C
000C   ;
000C   ;        LGI_BRK_TERM -  Use the terminal name in the association string
000C   ;                        used in LOGIN's breakin detection.  If not set,
000C   ;                        breakin detection associates on username alone
000C   ;                        for terminal logins.
000C   ;
000C            PARAMETER       ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C                            DEFAULT=1,-     ;
```

```
000C                                MAX=1,-                 ;
000C                                MIN=0,-                 ;
000C                                NAME=LGI_BRK_TERM,-;
000C                                BIT=EXE$V_BRK_TERM,-;
000C                                TYPE=<DYNAMIC,LGI>,-;
000C                                UNIT=Boolean
000C
000C  ;
000C  ;       LGI_BRK_DISUSER - If enabled, set the DISUSER flag in the user's
000C  ;                         UAF record if a breakin attempt is detected.
000C  ;                         This assures a permanent lockout of the user
000C  ;                         until re-enabled by the system manager.
000C  ;
000C          PARAMETER         ADDRESS=EXE$GL_DYNAMIC_FLAGS,-  ;
000C                            DEFAULT=0,-             ;
000C                            MAX=1,-                 ;
000C                            MIN=0,-                 ;
000C                            NAME=LGI_BRK_DISUSER,-;
000C                            BIT=EXE$V_BRK_DISUSER,-;
000C                            TYPE=<DYNAMIC,LGI>,-;
000C                            UNIT=Boolean
000C
000C
000C          .IF     NOT_DEFINED GETSYISW
000C  ;
000C  ; STATIC SYSTEM CONTROL FLAGS.
000C  ;
000C          .ALIGN  LONG                            ;
000C          .IF     NDF,PRMSW
000C  EXE$GL_STATIC_FLAGS::                           ; Static SYSGEN flags
000C          .ENDC   ; NDF,PRMSW
000C          .LONG   <1@EXE$V_XQP_RESIDENT>!<1@EXE$V_REBLDSYSD>
000C          .ENDC   ; NOT_DEFINED GETSYISW
000C
000C          $VIELD  EXE,0,<-                        ; DEFINITION FOR EXE$GL_STATIC_FLAGS
000C                  XQP_RESIDENT,-                  ; MEMORY RESIDENT XQP
000C                  REBLDSYSD,-                     ; REBUILD SYSTEM DISK IN SYSMOUNT
000C          >
000C
000C  ;
000C          .PAGE
000C          .SBTTL  SYSTEM MESSAGE PARAMETERS
000C  ;
000C  ; DEFINE THE CONTROL BITS IN EXE$GL_MSGFLAGS
000C  ;
000C          $GBLINI GLOBAL
000C          $VIELD  EXE,0,<-
000C                  MOUNTMSG,-                      ; ENABLE MOUNT NOTIFICATION
000C                  DISMOUMSG,-                     ; ENABLE DISMOUNT NOTIFICATION
000C          >
000C
000C          .IF     NOT_DEFINED GETSYISW
000C  ;
000C  ; DEFINE THE EXE$GL_MSGFLAGS LONGWORD AND ITS INITIAL VALUE.
000C  ;
000C          .ALIGN  LONG                            ;
000C          .IF     NDF,PRMSW                       ;
```

```
0000C  EXE$GL_MSGFLAGS::                                 ;
0000C          .ENDC                                     ;
0000C          .LONG   0
0000C
0000C          .ENDC   ; NOT_DEFINED GETSYISW
0000C
0000C  ;
0000C  ;       MOUNTMSG - CONTROLS OPERATOR NOTIFICATION OF VOLUME MOUNTING
0000C  ;
0000C          PARAMETER       ADDRESS=EXE$GL_MSGFLAGS,-         ;
0000C                          DEFAULT=0,-       ;
0000C                          MAX=1,-           ;
0000C                          MIN=0,-           ;
0000C                          NAME=MOUNTMSG,-   ;
0000C                          BIT=EXE$V_MOUNTMSG,-      ;
0000C                          TYPE=<SYS,DYNAMIC>,-      ;
0000C                          UNIT=Boolean
0000C  ;
0000C  ;       DISMOUMSG - Controls operator notification of volume dismounting
0000C  ;
0000C          PARAMETER       ADDRESS=EXE$GL_MSGFLAGS,-         ;
0000C                          DEFAULT=0,-       ;
0000C                          MAX=1,-           ;
0000C                          MIN=0,-           ;
0000C                          NAME=DISMOUMSG,-          ;
0000C                          BIT=EXE$V_DISMOUMSG,-     ;
0000C                          TYPE=<SYS,DYNAMIC>,-      ;
0000C                          UNIT=Boolean
0000C          .PAGE
0000C          .SBTTL  SYSTEM LOADABLE CODE PARAMETERS
0000C  ;
0000C  ; DEFINE THE CONTROL BITS IN SGN$GL_LOADFLAGS
0000C  ;
0000C          $GBLINI GLOBAL
0000C          $VIELD  SGN,0,<-
0000C                  LOADERAPAT,-              ; LOAD ERASE PATTERN GENERATOR
0000C                  LOADCHKPRT,-              ; LOAD PROTECTION CHECK ROUTINE
0000C                  LOADMTACCESS,-            ; LOAD INSTALLATION ACCESSIBIITY ROUTINE
0000C          >
0000C
0000C          .IF     NOT_DEFINED GETSYISW
0000C
0000C  ;
0000C  ; DEFINE THE SGN$GL_LOADFLAGS LONGWORD AND ITS INITIAL VALUE.
0000C  ;
0000C          .ALIGN  LONG                              ;
0000C          .IF     NDF,PRMSW                         ;
0000C  SGN$GL_LOADFLAGS::                                ;
0000C          .ENDC                                     ;
0000C          .LONG   0
0000C
0000C          .ENDC   ; NOT_DEFINED GETSYISW
0000C
0000C  ;
0000C  ;       LOADERAPAT- CONTROLS LOADING OF ALTERNATE ERASE PATTERN GENERATOR
0000C  ;
0000C          PARAMETER       ADDRESS=SGN$GL_LOADFLAGS,-        ;
```

```
000C                        DEFAULT=0,-                 ;
000C                        MAX=1,-                     ;
000C                        MIN=0,-                     ;
000C                        NAME=LOADERAPT,-                ;
000C                        BIT=SGN$V_LOADERAPAT,-          ;
000C                        TYPE=<SPECIAL>,-                ;
000C                        UNIT=Boolean
000C   ;
000C   ;       LOADCHKPRT - CONTROLS LOADING OF ALTERNATE PROTECTION CHECK ROUTINE
000C   ;
000C           PARAMETER    ADDRESS=SGN$GL_LOADFLAGS,-          ;
000C                        DEFAULT=0,-                 ;
000C                        MAX=1,-                     ;
000C                        MIN=0,-                     ;
000C                        NAME=LOADCHKPRT,-               ;
000C                        BIT=SGN$V_LOADCHKPRT,-          ;
000C                        TYPE=<SPECIAL>,-                ;
000C                        UNIT=Boolean
000C   ;
000C   ;       LOADMTACCESS - CONTROLS LOADING OF INSTALLATION SPECIFIC ACCESSIBILITY ROUTI
000C   ;
000C           PARAMETER    ADDRESS=SGN$GL_LOADFLAGS,-
000C                        DEFAULT=0,-
000C                        MAX=1,-
000C                        MIN=0,-
000C                        NAME=LOADMTACCESS,-
000C                        BIT=SGN$V_LOADMTACCESS,-
000C                        TYPE=<SPECIAL>,-
000C                        UNIT=Boolean
000C           .PAGE
000C           .SBTTL  TERMINAL DRIVER SYSTEM PARAMETERS
000C   ;
000C   ;       DIALUP SUPPORT CONTROL PARAMETERS
000C   ;
000C   ; DELTA TIME FOR DIALUP TIMER SCAN
000C   ;
000C           PARAMETER    ADDRESS=TTY$GL_DELTA,-      ;
000C                        DEFAULT=<100000*100>,-      ;
000C                        MIN=100000,-                ;
000C                        NAME=TTY_SCANDELTA,-        ;
000C                        SIZE=LONG,-                 ;
000C                        TYPE=<TTY>,-                ;
000C                        UNIT=100Ns                  ;
000C   ;
000C   ; FLAGS FOR DIALUP
000C   ;
000C   ;       BIT 0 is 0 => NORMAL, 1 => UNITED KINGDOM
000C   ;       BIT 1 SPECIFIES ALTERNATE MODEM PROTOCOL
000C   ;
000C           PARAMETER    ADDRESS=TTY$GB_DIALTYP,-            ;
000C                        DEFAULT=0,-                 ;
000C                        MIN=0,-                     ;
000C                        MAX=<^XOFF>,-               ;
000C                        NAME=TTY_DIALTYPE,-         ;
000C                        TYPE=<TTY>,-                ;
000C                        SIZE=BYTE,-                 ;
000C                        UNIT=Bit-Encoded            ;
```

```
000C    ;
000C    ; NOTE ALIGNMENT!
000C    ;
000C    ; TERMINAL CANONICAL CHARACTERISTICS
000C    ;
000C    ;
000C    ;       DEFAULT SPEED FOR TERMINALS
000C    ;
000C            PARAMETER       ADDRESS=TTY$GB_DEFSPEED,-; DEFAULT SPEED FOR TERMINALS AND P
000C                            DEFAULT=TT$C_BAUD_9600,-; 9600 BAUD - NO PARITY
000C                            MIN=1,-                 ;
000C                            MAX=16,-                ;
000C                            NAME=TTY_SPEED,-        ;
000C                            SIZE=BYTE,-             ;
000C                            TYPE=<TTY>,-            ;
000C                            UNIT=Special            ; TT$C_BAUD VALUES
000C    ;
000C    ;       DEFAULT RECEIVE SPEED
000C    ;
000C            PARAMETER       ADDRESS=TTY$GB_RSPEED,- ;THE RECEIVE SPEED FOR A TERMINAL
000C                            DEFAULT=0,-             ;USE THE DEFAULT SPEED
000C                            MIN=0,-                 ;
000C                            MAX=16,-                ;
000C                            NAME=TTY_RSPEED,-       ;
000C                            SIZE=BYTE,-             ;
000C                            TYPE=<TTY>,-            ;
000C                            UNIT=Special            ; TT$C_BAUD VALUES AND 0
000C    ;
000C    ;       DEFAULT PARITY
000C    ;
000C            PARAMETER       ADDRESS=TTY$GB_PARITY,- ;THE PARITY OF THE TERMINALS
000C                            DEFAULT=24,-            ;NO PARITY EIGHT BITS.
000C                            MIN=0,-                 ;
000C                            NAME=TTY_PARITY,-       ;
000C                            SIZE=BYTE,-             ;
000C                            TYPE=<TTY>,-            ;
000C                            UNIT=Special            ;
000C    ;
000C    ;       DEFAULT TERMINAL LINE WIDTH
000C    ;
000C            PARAMETER       ADDRESS=TTY$GW_DEFBUF,- ; DEFAULT BUFFER SIZE
000C                            DEFAULT=80,-    ;
000C                            MIN=0,-         ;
000C                            MAX=65535,-     ;
000C                            NAME=TTY_BUF,-  ;
000C                            SIZE=WORD,-     ;
000C                            TYPE=<TTY>,-    ;
000C                            UNIT=Characters
000C    ;
000C    ;       DEFAULT TERMINAL CHARACTERISTICS
000C    ;
000C            PARAMETER       ADDRESS=TTY$GL_DEFCHAR,-; DEFAULT CHARACTERISTICS
000C            DEFAULT=<<24@TT$V_PAGE>+TT$M_TTSYNC+TT$M_WRAP+TT$M_LOWER+TT$M_SCOPE>,-
000C                            MIN=0,-                 ;
000C                            NAME=TTY_DEFCHAR,-      ;
000C                            SIZE=LONG,-             ;
000C                            TYPE=<TTY>,-            ;
```

```
000C                         UNIT=Bit-Encoded
000C      ;
000C      ; Device characteristics second word.
000C      ;
000C            PARAMETER    ADDRESS=TTY$GL_DEFCHAR2,-;
000C                         DEFAULT=TT2$M_EDITING!TT2$M_AUTOBAUD,-; SET AUTOBAUD FOR DEF
000C                         MIN=0,-
000C                         NAME=TTY_DEFCHAR2,-
000C                         SIZE=LONG,-
000C                         TYPE=<TTY>,-
000C                         UNIT=Bit-Encoded
000C
000C      ;
000C      ; SIZE OF TYPEAHEAD BUFFER
000C      ;
000C            PARAMETER    ADDRESS=TTY$GW_TYPAHDSZ,-          ;
000C                         DEFAULT=78,-                       ;
000C                         MIN=0,-                            ;
000C                         NAME=TTY_TYPAHDSZ,-                ;
000C                         SIZE=WORD,-                        ;
000C                         TYPE=<TTY>,-                       ;
000C                         UNIT=Bytes
000C      ;
000C      ; Alternate Typeahead size.
000C      ;
000C            PARAMETER    ADDRESS=TTY$GW_ALTYPAHD,-          ;
000C                         DEFAULT=200,-                      ;
000C                         MIN=0,-
000C                         NAME=TTY_ALTYPAHD,-
000C                         SIZE=WORD,-
000C                         TYPE=<TTY>,-
000C                         UNIT=Bytes
000C      ;
000C      ; Alternate Typehaead buffer alarm size.
000C      ;
000C            PARAMETER    ADDRESS=TTY$GW_ALTALARM,-          ;
000C                         DEFAULT=64,-                       ;ASSUME WORST CASE
000C                         MIN=0,-
000C                         NAME=TTY_ALTALARM,-
000C                         SIZE=WORD,-
000C                         TYPE=<TTY>,-
000C                         UNIT=Bytes
000C      ;
000C      ; DMA size
000C      ;
000C            PARAMETER    ADDRESS=TTY$GW_DMASIZE,-           ;
000C                         DEFAULT=64,-
000C                         MIN=0,-
000C                         NAME=TTY_DMASIZE,-
000C                         SIZE=WORD,-
000C                         TYPE=<TTY,DYNAMIC>,-
000C                         UNIT=Bytes
000C
000C      ;
000C      ; DEFAULT TERMINAL ALLOCATION PROTECTION
000C      ;
000C            PARAMETER    ADDRESS=TTY$GW_PROT,-              ; PROTECTION CLASSES
```

```
000C                              DEFAULT=<^X0FFF0>,-            ; SYSTEM ONLY
000C                              MIN=0,-                        ;
000C                              NAME=TTY_PROT,-                ;
000C                              SIZE=WORD,-                    ;
000C                              TYPE=<TTY>,-                   ;
000C                              UNIT=Protection                ;
000C
000C            PARAMETER         ADDRESS=TTY$GL_OWNUIC,-        ; OWNER UIC
000C                              DEFAULT=<^X00010004>,-         ; SYSTEM OWNER
000C                              MIN=0,-                        ;
000C                              NAME=TTY_OWNER,-               ;
000C                              SIZE=LONG,-                    ;
000C                              TYPE=<TTY>-                    ;
000C                              UNIT=UIC                       ;
000C      ;
000C      ;     DEFAULT TERMINAL CLASS NAME PREFIX
000C      ;
000C            PARAMETER         ADDRESS=TTY$GW_CLASSNAM,-      ;
000C                              DEFAULT=<^A/TT7>,-     ;
000C                              MIN=<^A/AAAA/>,-       ;
000C                              MAX=<^A/ZZZZ/>,-       ;
000C                              NAME=TTY_CLASSNAME,-   ;
000C                              SIZE=WORD,-            ;
000C                              TYPE=<ASCII,TTY>,-     ;
000C                              UNIT=Ascii
000C      ;
000C      ;     DEFAULT SILO TIMEOUT VALUE FOR DMF32
000C      ;
000C            PARAMETER         ADDRESS=TTY$GB_SILOTIME,-      ;
000C                              DEFAULT=8,-    ;
000C                              MIN=0,-        ;
000C                              MAX=255,-      ;
000C                              NAME=TTY_SILOTIME,-    ;
000C                              SIZE=BYTE,-    ;
000C                              TYPE=<TTY>,-   ;
000C                              UNIT=Ms
000C      ;
000C      ; DISCONNECTED VIRTUAL TERMINAL TIMEOUT.
000C      ;
000C            PARAMETER         ADDRESS=TTY$GL_TIMEOUT,-       ;
000C                              DEFAULT=60*15,- ; 15 minute default
000C                              MIN=0,-        ;
000C                              NAME=TTY_TIMEOUT,-     ;
000C                              SIZE=LONG,-    ;
000C                              TYPE=<TTY,DYNAMIC>,-   ;
000C                              UNIT=Seconds
000C      ;
000C      ; AUTOBAUD RATE RECOGNITION CHARACTER
000C      ;
000C            PARAMETER         ADDRESS=TTY$GB_AUTOCHAR,-      ;
000C                              DEFAULT=7,-    ; Default is ^G (Bell)
000C                              MIN=0,-        ;
000C                              MAX=255,-      ;
000C                              NAME=TTY_AUTOCHAR,-    ;
000C                              SIZE=BYTE,-    ;
000C                              TYPE=<TTY,DYNAMIC>,-   ;
000C                              UNIT=Character
```

```
000C   ;
000C   ;       default port functions.
000C   ;
000C           PARAMETER       ADDRESS=TTY$GL_DEFPORT,-; DEFAULT PORT CHARACTERISTICS
000C                           DEFAULT=0,-
000C                           MIN=0,-
000C                           NAME=TTY_DEFPORT-         ;
000C                           SIZE=LONG,-               ;
000C                           TYPE=<TTY,SPECIAL>,-      ;
000C                           UNIT=Bit-Encoded
000C   ;
000C   ; END OF TERMINAL SYSTEM PARAMETERS
000C   ;
000C   ;
000C           .PAGE
000C           .SBTTL  RMS DEFAULT PARAMETERS
000C   ;
000C   ; RMS DEFAULT PARAMETERS
000C   ;
000C           PARAMETER       ADDRESS=SYS$GB_DFMBC,-    ;
000C                           DEFAULT=16,-    ; DEFAULT MULTI-BLOCK COUNT
000C                           MIN=1,-                   ;
000C                           MAX=127,-                 ;
000C                           NAME=RMS_DFMBC,-          ;
000C                           SIZE=BYTE,-               ;
000C                           TYPE=<RMS,DYNAMIC>,-      ;
000C                           UNIT=Blocks
000C   ;
000C   ; DEFAULT MULTI-BUFFER COUNT FOR SEQUENTIAL . DISK
000C   ;
000C           PARAMETER       ADDRESS=SYS$GB_DFMBFSDK,-         ;
000C                           DEFAULT=0,-               ;
000C                           MIN=0,-                   ;
000C                           MAX=127,-                 ;
000C                           NAME=RMS_DFMBFSDK,-       ;
000C                           SIZE=BYTE,-               ;
000C                           TYPE=<RMS,DYNAMIC>,-      ;
000C                           UNIT=Blocks
000C   ;
000C   ; DEFAULT MULTI_BUFFER COUNT FOR MAGTAPE
000C   ;
000C           PARAMETER       ADDRESS=SYS$GB_DFMBFSMT,-         ;
000C                           DEFAULT=0,-               ;
000C                           MIN=0,-                   ;
000C                           MAX=127,-                 ;
000C                           NAME=RMS_DFMBFSMT,-       ;
000C                           SIZE=BYTE,-               ;
000C                           TYPE=<RMS,DYNAMIC>,-      ;
000C                           UNIT=Blocks
000C   ;
000C   ;       DEFAULT MULTI-BUFFER COUNT FOR UNIT RECORD DEVICES.
000C   ;
000C           PARAMETER       ADDRESS=SYS$GB_DFMBFSUR,-         ;
000C                           DEFAULT=0,-               ;
000C                           MIN=0,-                   ;
000C                           MAX=127,-                 ;
000C                           NAME=RMS_DFMBFSUR,-       ;
```

```
000C                                  SIZE=BYTE,-                 ;
000C                                  TYPE=<RMS,DYNAMIC>,-        ;
000C                                  UNIT=Buffers
000C        ;
000C        ; DEFAULT MULTI-BUFFER COUNT FOR RELATIVE FILES
000C        ;
000C                PARAMETER         ADDRESS=SYS$GB_DFMBFREL,-          ;
000C                                  DEFAULT=0,-                 ;
000C                                  MIN=0,-                     ;
000C                                  MAX=127,-                   ;
000C                                  NAME=RMS_DFMBFREL,-         ;
000C                                  SIZE=BYTE,-                 ;
000C                                  TYPE=<RMS,DYNAMIC>,-        ;
000C                                  UNIT=Buffers
000C        ;
000C        ; DEFAULT MULTI-BUFFER COUNT INDEXED FILES
000C        ;
000C                PARAMETER         ADDRESS=SYS$GB_DFMBFIDX,-          ;
000C                                  DEFAULT=0,-                 ;
000C                                  MIN=0,-                     ;
000C                                  MAX=127,-                   ;
000C                                  NAME=RMS_DFMBFIDX,-         ;
000C                                  SIZE=BYTE,-                 ;
000C                                  TYPE=<RMS,DYNAMIC>,-        ;
000C                                  UNIT=Buffers
000C        ;
000C        ; DEFAULT MULTI-BUFFER COUNT HASHED
000C        ;
000C                PARAMETER         ADDRESS=SYS$GB_DFMBFHSH,-          ;
000C                                  DEFAULT=0,-                 ;
000C                                  MIN=0,-                     ;
000C                                  MAX=127,-                   ;
000C                                  NAME=RMS_DFMBFHSH,-         ;
000C                                  SIZE=BYTE,-                 ;
000C                                  TYPE=<RMS,DYNAMIC>,-        ;
000C                                  UNIT=Buffers
000C
000C        ;
000C        ; Default rms Prologue
000C        ;
000C                PARAMETER         ADDRESS = SYS$GB_RMSPROLOG,-
000C                                  DEFAULT = 0,-          ; 0, 2 and 3 are valid, only
000C                                  MIN = 0,-
000C                                  MAX = 3,-
000C                                  NAME = RMS_PROLOGUE,-
000C                                  SIZE = BYTE,-
000C                                  TYPE = <RMS,DYNAMIC>,-
000C                                  UNIT = Prolog-Lvl
000C
000C        ;
000C        ; Default file extend quantity
000C        ;
000C
000C                PARAMETER         ADDRESS = SYS$GW_RMSEXTEND,-
000C                                  DEFAULT = 0,-
000C                                  MIN = 0,-
000C                                  MAX = 65535,-
```

```
000C                                    NAME = RMS_EXTEND_SIZE,-
000C                                    SIZE = WORD,-
000C                                    TYPE = <RMS,DYNAMIC>,-
000C                                    UNIT = Blocks
000C       ;
000C       ; Default file protection
000C       ;
000C
000C               PARAMETER            ADDRESS = SYS$GW_FILEPROT,-
000C                                    DEFAULT = <^XFA00>,-
000C                                    MIN = 0,-
000C                                    MAX = <^XFFFF>,-
000C                                    NAME = RMS_FILEPROT,-
000C                                    SIZE = WORD,-
000C                                    TYPE = RMS,-
000C                                    UNIT = Prot-mask
000C
000C       ;
000C       ; Global buffer quota - This parameter determines the maximum number
000C       ; of global buffers that may be in use in the system at any one time.
000C       ;
000C               PARAMETER            ADDRESS=SYS$GW_GBLBUFQUO,-
000C                                    DEFAULT=1024,-
000C                                    MIN=0,-
000C                                    MAX=32767,-
000C                                    SIZE=WORD,-
000C                                    NAME=RMS_GBLBUFQUO,-
000C                                    TYPE=<RMS,DYNAMIC>,-
000C                                    UNIT=<Gbl bufs>
000C
000C       ;
000C       ; Network block count - This parameter determines the number
000C       ; of blocks to use for RMS DAP network record-mode transfers.
000C       ; This parameter determines the maximum record size that can be
000C       ; sent over the network.
000C       ;
000C               PARAMETER            ADDRESS=SYS$GB_DFNBC,-
000C                                    DEFAULT=8,-
000C                                    MIN=1,-
000C                                    MAX=127,-
000C                                    SIZE=BYTE,-
000C                                    NAME=RMS_DFNBC,-
000C                                    TYPE=<RMS,DYNAMIC>,-
000C                                    UNIT=<Blocks>
000C
000C               .IF      NOT_DEFINED GETSYISW
000C
000C               .ALIGN   LONG
000C       ;
000C       ;  END OF RMS DEFAULT PARAMETERS
000C       ;
000C               .PAGE
000C               .SBTTL   PROCESS QUOTA DEFAULTS AND MINIMA
000C               .=.-4                             ;
000C               DEFINE   PQL$AL_DEFAULT           ;
000C               .=.+4                             ;
000C               .BLKL    PQL$_LENGTH              ;
```

```
0000C          .=.-4                                   ;
0000C          DEFINE  PQL$AL_MIN                      ;
0000C          .=.+4                                   ;
0000C          .BLKL   PQL$_LENGTH                     ;
0000C          .=.-1                                   ;
0000C          DEFINE  PQL$AB_FLAG                     ;
0000C          .=.+1                                   ;
0000C          .BLKB   PQL$_LENGTH                     ;
0000C
0000C          .ENDC   ; NOT_DEFINED GETSYISW
0000C
0000C      ;
0000C      ;   DEFINE PROCESS QUOTA DEFAULTS AND MINIMA
0000C      ;
0000C
0000C          PQL     ASTLM,-                         ; AST LIMIT
0000C                  DEFLT=24,-                      ;
0000C                  MINIM=4,-                       ;
0000C                  UNT=Ast                         ;
0000C
0000C          PQL     BIOLM,-                         ; BUFFERED I/O LIMIT
0000C                  DEFLT=18,-                      ;
0000C                  MINIM=4,-                       ;
0000C                  UNT=I/O                         ;
0000C
0000C          PQL     BYTLM,-                         ; BUFFERED I/O BYTE COUNT LIMIT
0000C                  DEFLT=8192,-                    ;
0000C                  FLAG=DEDUCTIBLE,-               ;
0000C                  MINIM=1024,-     ;
0000C                  UNT=Bytes                       ;
0000C
0000C          PQL     CPULM,-                         ; CPU TIME LIMIT
0000C                  DEFLT=0,-                       ;
0000C                  FLAG=DEDUCTIBLE,-               ;
0000C                  MINIM=0,-                       ;
0000C                  UNT=10Ms                        ;
0000C
0000C          PQL     DIOLM,-                         ; DIRECT I/O LIMIT
0000C                  DEFLT=18,-                      ;
0000C                  MINIM=4,-                       ;
0000C                  UNT=I/O                         ;
0000C
0000C          PQL     FILLM,-                         ; OPEN FILE LIMIT
0000C                  DEFLT=16,-                      ;
0000C                  FLAG=DEDUCTIBLE,-               ;
0000C                  MINIM=2,-                       ;
0000C                  UNT=Files                       ;
0000C
0000C          PQL     PGFLQUOTA,-                     ; PAGING FILE QUOTA
0000C                  DEFLT=2048,-                    ;
0000C                  FLAG=DEDUCTIBLE,-               ;
0000C                  MINIM=512,-                     ;
0000C                  UNT=Pages                       ;
0000C
0000C          PQL     PRCLM,-                         ; SUB-PROCESS LIMIT
0000C                  DEFLT=8,-                       ;
0000C                  FLAG=DEDUCTIBLE,-               ;
```

```
000C                     MINIM=0,-                    ;
000C                     UNT=Processes
000C
000C           PQL       TQELM,-                      ; TIMER QUEUE ENTRY LIMIT
000C                     DEFLT=8,-                    ;
000C                     FLAG=DEDUCTIBLE,-            ;
000C                     MINIM=0,-                    ;
000C                     UNT=Timers
000C
000C           PQL       WSDEFAULT,-                  ; WORKING SET DEFAULT SIZE
000C                     DEFLT=100,-                  ;
000C                     MINIM=60,-                   ;
000C                     UNT=Pages,-                  ;
000C                     DYNAMIC_FLAG=STATIC
000C
000C  ;
000C  ; DEFAULT WORKING SET SIZE - SIZE OF SHELL WORKING SET
000C  ;
000C           .IF       NOT_DEFINED GETSYISW
000C           .IF       NDF,PRMSW                    ;
000C  SGN$GW_DFWSCNT==PQL$GDWSDEFAULT                 ; SYNONYM
000C           .ENDC                                  ;
000C           .ENDC     ; NOT_DEFINED GETSYISW
000C           PQL       WSQUOTA,-                    ; WORKING SET QUOTA
000C                     DEFLT=200,-                  ;
000C                     MINIM=60,-                   ;
000C                     UNT=Pages                    ;
000C
000C           PQL       WSEXTENT,-                   ; WORKING SET EXTENT
000C                     DEFLT=200,-                  ;
000C                     MINIM=10,-                   ;
000C                     UNT=Pages                    ;
000C
000C           PQL       ENQLM,-                      ; ENQUEUE LIMIT
000C                     DEFLT=30,-                   ;
000C                     FLAG=DEDUCTIBLE,-            ;
000C                     MINIM=4,-                    ;
000C                     UNT=Locks                    ;
000C
000C           PQL       JTQUOTA,-                    ; JOB-WIDE LOGICAL NAME TABLE QUOTA
000C                     DEFLT=1024,-                 ;
000C                     MINIM=0,-                    ;
000C                     UNT=Bytes                    ;
000C
000C           .PAGE
000C           .SBTTL    FILE ACP CONFIGURATION DATA
000C
000C  ;+
000C  ;
000C  ; File ACP configuration data. These parameters are used whenever an ACP is
000C  ; started up (or, in the case of per volume data, when a volume is mounted).
000C  ;
000C  ;-
000C
000C  ;
000C  ; Number of blocks in bitmap cache.
000C  ;
```

```
000C          PARAMETER       ADDRESS=ACP$GW_MAPCACHE,-        ;
000C                          DEFAULT=8,-    ;
000C                          MIN=1,-        ;
000C                          NAME=ACP_MAPCACHE,-      ;
000C                          SIZE=WORD,-    ;
000C                          TYPE=<ACP,DYNAMIC>,-     ;
000C                          UNIT=Pages     ;
000C  ;
000C  ; Number of blocks in file header cache.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GW_HDRCACHE,-        ;
000C                          DEFAULT=128,-  ;
000C                          MIN=3,-        ;
000C                          NAME=ACP_HDRCACHE,-      ;
000C                          SIZE=WORD,-    ;
000C                          TYPE=<ACP,DYNAMIC>,-     ;
000C                          UNIT=Pages     ;
000C  ;
000C  ; Number of blocks in file system directory data block cache.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GW_DIRCACHE,-        ;
000C                          DEFAULT=80,-   ;
000C                          MIN=2,-        ;
000C                          NAME=ACP_DIRCACHE,-      ;
000C                          SIZE=WORD,-    ;
000C                          TYPE=<ACP,DYNAMIC>,-     ;
000C                          UNIT=Pages     ;
000C  ;
000C  ; Number of pages in file system directory index cache.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GW_DINDXCACHE,-      ;
000C                          DEFAULT=25,-   ;
000C                          MIN=2,-        ;
000C                          NAME=ACP_DINDXCACHE,-    ;
000C                          SIZE=WORD,-    ;
000C                          TYPE=<ACP,DYNAMIC>,-     ;
000C                          UNIT=Pages     ;
000C  ;
000C  ; ACP working set in pages (0 means maximal)
000C  ;
000C          PARAMETER       ADDRESS=ACP$GW_WORKSET,-         ;
000C                          DEFAULT=0,-    ;
000C                          MIN=0,-        ;
000C                          NAME=ACP_WORKSET,-       ;
000C                          SIZE=WORD,-    ;
000C                          TYPE=<ACP,DYNAMIC>,-     ;
000C                          UNIT=Pages     ;
000C  ;
000C  ; The following parameters are applied on a per volume basis.
000C  ;
000C  ;
000C  ; Number of cached index file slots
000C  ;
000C          PARAMETER       ADDRESS=ACP$GW_FIDCACHE,-        ;
000C                          DEFAULT=64,-   ;
000C                          MIN=0,-        ;
000C                          NAME=ACP_FIDCACHE,-      ;
```

```
000C                                    SIZE=WORD,-         ;
000C                                    TYPE=<ACP,DYNAMIC>,-     ;
000C                                    UNIT=File-Ids       ;
000C           ;
000C           ; Number of cached disk extents
000C           ;
000C                   PARAMETER        ADDRESS=ACP$GW_EXTCACHE,-         ;
000C                                    DEFAULT=64,-        ;
000C                                    MIN=0,-             ;
000C                                    NAME=ACP_EXTCACHE,-      ;
000C                                    SIZE=WORD,-         ;
000C                                    TYPE=<ACP,DYNAMIC>,-     ;
000C                                    UNIT=Extents        ;
000C           ;
000C           ; Maximum fraction of disk to cache in tenths of percent
000C           ;
000C                   PARAMETER        ADDRESS=ACP$GW_EXTLIMIT,-         ;
000C                                    DEFAULT=100,-       ;
000C                                    MIN=0,-             ;
000C                                    MAX=1000,-          ;
000C                                    NAME=ACP_EXTLIMIT,-      ;
000C                                    SIZE=WORD,-         ;
000C                                    TYPE=<ACP,DYNAMIC>,-     ;
000C                                    UNIT=<Percent/10>        ;
000C
000C           ;
000C           ; Number of quota file entries to cache
000C           ;
000C                   PARAMETER        ADDRESS=ACP$GW_QUOCACHE,-
000C                                    DEFAULT=64,-
000C                                    MIN=0,-
000C                                    MAX=-1,-
000C                                    NAME=ACP_QUOCACHE,-
000C                                    SIZE=WORD,-
000C                                    TYPE=<ACP,DYNAMIC>,-
000C                                    UNIT=Users
000C           ;
000C           ; Default access for system volumes
000C           ;
000C                   PARAMETER        ADDRESS=ACP$GW_SYSACC,- ;
000C                                    DEFAULT=8,-         ;
000C                                    MIN=0,-             ;
000C                                    NAME=ACP_SYSACC,-        ;
000C                                    SIZE=WORD,-              ;
000C                                    TYPE=<ACP,DYNAMIC>,-     ;
000C                                    UNIT=Directories
000C           ;
000C           ; Maximum number of blocks to read at once for directories.
000C           ;
000C                   PARAMETER        ADDRESS=ACP$GB_MAXREAD,-          ;
000C                                    DEFAULT=32,-        ;
000C                                    MIN=1,-             ;
000C                                    MAX=64,-            ;
000C                                    NAME=ACP_MAXREAD,-       ;
000C                                    SIZE=BYTE,-         ;
000C                                    TYPE=<ACP,DYNAMIC>,-     ;
000C                                    UNIT=Blocks         ;
```

```
000C  ;
000C  ; Default window size for system volumes.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GB_WINDOW,- ;
000C                          DEFAULT=7,-       ;
000C                          MIN=1,-           ;
000C                          NAME=ACP_WINDOW,-         ;
000C                          SIZE=BYTE,-       ;
000C                          TYPE=<ACP,DYNAMIC>,-      ;
000C                          UNIT=Pointers     ;
000C  ;
000C  ; Deferred cache writeback enable.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GB_WRITBACK,-
000C                          DEFAULT=1,-
000C                          MIN=0,-
000C                          MAX=1,-
000C                          NAME=ACP_WRITEBACK,-
000C                          SIZE=BYTE,-
000C                          TYPE=<ACP,DYNAMIC>,-
000C                          UNIT=Boolean
000C  ;
000C  ; ACP datacheck enable flags.
000C  ;
000C          PARAMETER       ADDRESS=ACP$GB_DATACHK,-
000C                          DEFAULT=2,-
000C                          MIN=0,-
000C                          MAX=3,-
000C                          NAME=ACP_DATACHECK,-
000C                          SIZE=BYTE,-
000C                          TYPE=<ACP,DYNAMIC>,-
000C                          UNIT=Bit-mask
000C  ;
000C  ; Containing the following flags:
000C  ;
000C          .IF     NDF,PRMSW                       ; Only for exec version of sysparam
000C          $GBLINI GLOBAL
000C          $VIELD  ACP,0,<-
000C                  <READCHK>-                      ; do datachecks on reads
000C                  <WRITECHK>-                     ; do datachecks on writes
000C                  >
000C          .ENDC                                   ;
000C  ;
000C  ; The following parameters apply per ACP.
000C  ;
000C  ;
000C  ; ACP base priority
000C  ;
000C          PARAMETER       ADDRESS=ACP$GB_BASEPRIO,-       ;
000C                          DEFAULT=8,-       ;
000C                          MIN=4,-           ;
000C                          MAX=31,-          ;
000C                          NAME=ACP_BASEPRIO,-       ;
000C                          SIZE=BYTE,-       ;
000C                          TYPE=<ACP,DYNAMIC>,-      ;
000C                          UNIT=Priority
000C  ;
```

```
000C        ; ACP Swap flags
000C        ;
000C                PARAMETER       ADDRESS=ACP$GB_SWAPFLGS,-       ;
000C                                DEFAULT=<^B1111>,-      ;.
000C                                MIN=0,-                 ;
000C                                MAX=15,-                ;
000C                                NAME=ACP_SWAPFLGS,-     ;
000C                                SIZE=BYTE,-             ;
000C                                TYPE=<ACP,DYNAMIC>-     ;
000C                                UNIT=Bit-mask
000C                                                        ; swappable, as follows:
000C                .IF     NDF,PRMSW                       ; Only for exec version of sysparam
000C                $GBLINI GLOBAL
000C                $VIELD  ACP,0,<-
000C                        <SWAPSYS>-                      ; /SYSTEM
000C                        <SWAPGRP>-                      ; /GROUP
000C                        <SWAPPRV>-                      ; other (private mount)
000C                        <SWAPMAG>-                      ; magtape
000C                        >
000C                .ENDC                                   ;
000C        ;
000C        ; XQP memory resident control flag
000C        ;
000C                PARAMETER       ADDRESS=EXE$GL_STATIC_FLAGS,-
000C                                DEFAULT=1,-
000C                                MIN=0,-
000C                                MAX=1,-
000C                                NAME=ACP_XQP_RES,-
000C                                BIT=EXE$V_XQP_RESIDENT,-
000C                                TYPE=<ACP,STATIC>,-
000C                                UNIT=Boolean
000C        ;
000C        ; System disk rebuild flag.
000C        ;
000C                PARAMETER       ADDRESS=EXE$GL_STATIC_FLAGS,-
000C                                DEFAULT=1,-
000C                                MIN=0,-
000C                                MAX=1,-
000C                                NAME=ACP_REBLDSYSD,-
000C                                BIT=EXE$V_REBLDSYSD,-
000C                                TYPE=<ACP,STATIC>,-
000C                                UNIT=Boolean
000C
000C                .IIF    NOT_DEFINED GETSYISW,   .ALIGN  LONG
000C
000C                .PAGE
000C                .SBTTL  Job Controller Parameters
000C        ;
000C        ; Default Priority for Job Initiations
000C        ;
000C                PARAMETER       SYS$GB_DEFPRI,- ;
000C                                DEFAULT=4,-     ;
000C                                MIN=1,-         ;
000C                                MAX=31,-        ;
000C                                NAME=DEFPRI,-   ;
000C                                SIZE=BYTE,-     ;
000C                                TYPE=<SYS,JBC,DYNAMIC>,-        ;
```

```
0000C                                  UNIT=Priority
0000C          ;
0000C          ; Limit for interactive Jobs
0000C          ;
0000C                  PARAMETER       ADDRESS=SYS$GW_IJOBLIM,-        ;
0000C                                  DEFAULT=64,-    ;
0000C                                  MIN=1,-         ;
0000C                                  MAX=1024,-      ;
0000C                                  NAME=IJOBLIM,-  ;
0000C                                  SIZE=WORD,-     ;
0000C                                  TYPE=<JBC,DYNAMIC>,-    ;
0000C                                  UNIT=Jobs
0000C          ;
0000C          ; Limit for batch Jobs
0000C          ;
0000C                  PARAMETER       ADDRESS=SYS$GW_BJOBLIM,-        ;
0000C                                  DEFAULT=16,-    ;
0000C                                  MIN=0,-         ;
0000C                                  MAX=1024,-      ;
0000C                                  NAME=BJOBLIM,-  ;
0000C                                  SIZE=WORD,-     ;
0000C                                  TYPE=<JBC,DYNAMIC>,-    ;
0000C                                  UNIT=Jobs
0000C
0000C          ;
0000C          ; Limit for network Jobs
0000C          ;
0000C                  PARAMETER       ADDRESS=SYS$GW_NJOBLIM,-        ;
0000C                                  DEFAULT=16,-    ;
0000C                                  MIN=0,-         ;
0000C                                  MAX=1024,-      ;
0000C                                  NAME=NJOBLIM,-  ;
0000C                                  SIZE=WORD,-     ;
0000C                                  TYPE=<JBC,DYNAMIC>,-    ;
0000C                                  UNIT=Jobs
0000C          ;
0000C          ; Limit for Remote Terminal Jobs
0000C          ;
0000C                  PARAMETER       ADDRESS=SYS$GW_RJOBLIM,-        ;
0000C                                  DEFAULT=16,-    ;
0000C                                  MIN=0,-         ;
0000C                                  MAX=254,-       ;
0000C                                  NAME=RJOBLIM,-  ;
0000C                                  SIZE=WORD,-     ;
0000C                                  TYPE=<JBC,DYNAMIC>,-    ;
0000C                                  UNIT=Jobs
0000C          ;
0000C          ;       DEFQUEPRI - Default Queue Priority
0000C          ;
0000C                  PARAMETER       ADDRESS=SYS$GB_DEFQUEPRI,-
0000C                                  DEFAULT=4,-
0000C                                  MAX=255,-
0000C                                  MIN=0,-
0000C                                  NAME=DEFQUEPRI,-
0000C                                  TYPE=<JBC,DYNAMIC>,-
0000C                                  UNIT=Priority
0000C          ;
```

```
000C    ;       MAXQUEPRI - Maximum Queue Priority
000C    ;
000C            PARAMETER       ADDRESS=SYS$GB_MAXQUEPRI,-
000C                            DEFAULT=4,-
000C                            MAX=255,-
000C                            MIN=0,-
000C                            NAME=MAXQUEPRI,-
000C                            TYPE=<JBC,DYNAMIC>,-
000C                            UNIT=Priority
000C
000C            .PAGE
000C            .SBTTL  Login Security Parameters
000C    ;
000C    ; Number of seconds that a dialup user has in which to enter the system
000C    ; password before LOGINOUT goes away
000C    ;
000C            PARAMETER       ADDRESS=SYS$GB_PWD_TMO,-
000C                            DEFAULT=30,-
000C                            MIN=0,-
000C                            MAX=255,-
000C                            NAME=LGI_PWD_TMO,-
000C                            SIZE=BYTE,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Seconds
000C
000C    ;
000C    ; Number of retries an interactive user has before the process goes away
000C    ;
000C            PARAMETER       ADDRESS=SYS$GB_RETRY_LIM,-
000C                            DEFAULT=3,-
000C                            MIN=0,-
000C                            MAX=255,-
000C                            NAME=LGI_RETRY_LIM,-
000C                            SIZE=BYTE,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Tries
000C
000C    ;
000C    ; Number of seconds that a user has in which to attempt another login
000C    ; before the process goes away
000C    ;
000C            PARAMETER       ADDRESS=SYS$GB_RETRY_TMO,-
000C                            DEFAULT=20,-
000C                            MIN=0,-
000C                            MAX=255,-
000C                            NAME=LGI_RETRY_TMO,-
000C                            SIZE=BYTE,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Seconds
000C
000C    ;
000C    ; Number of consecutive login failures before LOGINOUT begins evasive action
000C    ;
000C            PARAMETER       ADDRESS=SYS$GB_BRK_LIM,-
000C                            DEFAULT=5,-
000C                            MIN=0,-
000C                            MAX=255,-
```

```
000C                            NAME=LGI_BRK_LIM,-
000C                            SIZE=BYTE,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Failures
000C
000C    ;
000C    ; Number of seconds that a suspect must be free of login failures before it is
000C    ; taken off the suspect list
000C    ;
000C            PARAMETER       ADDRESS=SYS$GL_BRK_TMO,-
000C                            DEFAULT=300,-
000C                            MIN=0,-
000C                            MAX=-1,-
000C                            NAME=LGI_BRK_TMO,-
000C                            SIZE=LONG,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Seconds
000C
000C    ;
000C    ; Number of seconds that LOGINOUT should practice evasive action on an intruder
000C    ;
000C            PARAMETER       ADDRESS=SYS$GL_HID_TIM,-
000C                            DEFAULT=300,-
000C                            MIN=0,-
000C                            MAX=-1,-
000C                            NAME=LGI_HID_TIM,-
000C                            SIZE=LONG,-
000C                            TYPE=<DYNAMIC,LGI>,-
000C                            UNIT=Seconds
000C
000C            .PAGE
000C            .SBTTL  Cluster Parameters
000C
000C    ;
000C    ;       VAXCLUSTER - Controls loading of cluster code
000C    ;               0: Never load
000C    ;               1: Load if SCSLOA is being loaded
000C    ;               2: Always load (and also load SCSLOA)
000C    ;
000C            PARAMETER       ADDRESS=CLU$GB_VAXCLUSTER, -    ;
000C                            DEFAULT=1,-     ;
000C                            MAX=2,-         ;
000C                            MIN=0,-         ;
000C                            NAME=VAXCLUSTER,-       ;
000C                            SIZE=BYTE,-     ;
000C                            TYPE=<CLUSTER>,-        ;
000C                            UNIT=Coded-value
000C
000C    ;
000C    ; Quorum for an operable cluster
000C    ;
000C            PARAMETER       ADDRESS=CLU$GW_QUORUM,-
000C                            DEFAULT=1,-
000C                            MIN=1,-
000C                            MAX=32767,-
000C                            NAME=QUORUM,-
000C                            SIZE=WORD,-
```

```
000C                                     TYPE=<CLUSTER>,-
000C                                     UNIT=Votes
000C
000C        ;
000C        ; Number of votes this system contributes to quorum
000C        ;
000C                PARAMETER            ADDRESS=CLU$GW_VOTES,-
000C                                     DEFAULT=1,-
000C                                     MIN=0,-
000C                                     MAX=127,-
000C                                     NAME=VOTES,-
000C                                     SIZE=WORD,-
000C                                     TYPE=<CLUSTER>,-
000C                                     UNIT=Votes
000C
000C        ;
000C        ; Interval during which to attempt reconnection to a remote system
000C        ;
000C                PARAMETER            ADDRESS=CLU$GW_RECNXINT,-
000C                                     DEFAULT=60,-
000C                                     MIN=1,-
000C                                     MAX=32767,-
000C                                     NAME=RECNXINTERVAL,-
000C                                     SIZE=WORD,-
000C                                     TYPE=<CLUSTER,DYNAMIC>,-
000C                                     UNIT=Seconds
000C
000C        ;
000C        ; The cluster quorum disk name
000C        ;
000C                PARAMETER            ADDRESS=CLU$GB_QDISK,-
000C                                     DEFAULT=<^A/     />,-
000C                                     MIN=<^A/     />,-
000C                                     MAX=<^A/ZZZZ/>,-
000C                                     NAME=DISK_QUORUM,-
000C                                     SIZE=OCTA,-
000C                                     TYPE=<ASCII,CLUSTER>,-
000C                                     UNIT=Ascii
000C
000C        ;
000C        ; Number of votes contributed by quorum disk
000C        ;
000C                PARAMETER            ADDRESS=CLU$GW_QDSKVOTES,-
000C                                     DEFAULT=1,-
000C                                     MIN=0,-
000C                                     MAX=127,-
000C                                     NAME=QDSKVOTES,-
000C                                     SIZE=WORD,-
000C                                     TYPE=<CLUSTER>,-
000C                                     UNIT=Votes
000C
000C        ;
000C        ; Disk Quorum Inverval
000C        ;
000C                PARAMETER            ADDRESS=CLU$GW_QDSKINTERVAL,-
000C                                     DEFAULT=20,-
000C                                     MIN=1,-
```

```
000C                                    MAX=32767,-
000C                                    NAME=QDSKINTERVAL,-
000C                                    SIZE=WORD,-
000C                                    TYPE=<CLUSTER>,-
000C                                    UNIT=Seconds
000C
000C    ;
000C    ; Define a parameter which determines the device allocation class for
000C    ; this system.  The device allocation class is used to derive a common
000C    ; lock resource name for multiple access paths to the same device.
000C    ;
000C            PARAMETER               ADDRESS=CLU$GL_ALLOCLS, -
000C                                    NAME=ALLOCLASS, -
000C                                    TYPE=<CLUSTER>, -
000C                                    DEFAULT=0, -
000C                                    MIN=0, -
000C                                    MAX=255, -
000C                                    UNIT=Pure-number
000C
000C    ;
000C    ; Lock manager directory system weight.  Determines portion of lock
000C    ; manger directory entires which will be handled by this system.
000C    ;
000C            PARAMETER               ADDRESS=CLU$GW_LCKDIRWT,-
000C                                    DEFAULT=1,-
000C                                    MIN=0,-
000C                                    MAX=255,-
000C                                    NAME=LOCKDIRWT,-
000C                                    SIZE=WORD,-
000C                                    TYPE=<CLUSTER>,-
000C                                    UNIT=Pure-number
000C
000C    ;
000C    ; Define a parameter which tells us whether or not this system is tailored
000C    ; (i.e., has a library disk).  This is the right way to determine tailoring
000C    ; now that many different system disks can be tailored.
000C    ;
000C            PARAMETER               ADDRESS=SGN$GB_TAILORED,-
000C                                    DEFAULT=0,-
000C                                    MAX=1,-
000C                                    MIN=0,-
000C                                    NAME=TAILORED,-
000C                                    SIZE=BYTE,-
000C                                    TYPE=<SYS>,-
000C                                    UNIT=Boolean
000C
000C            .IF     NOT_DEFINED GETSYISW
000C    ;
000C    ; WORK STATION FLAGS.
000C    ;
000C            .ALIGN  LONG                            ;
000C            .IF     NDF,PRMSW                       ;
000C    EXE$GL_WSFLAGS::                                ; Work station SYSGEN flags
000C            .ENDC   ; NDF,PRMSW
000C            .LONG   0;
000C            .ENDC   ; NOT_DEFINED GETSYISW
000C
```

```
000C          $VIELD  EXE,0,<-                        ; DEFINITION FOR EXE$GL_DYNAMIC_FLAGS
000C                  OPA0,-                          ; Reserve a window for OPA0
000C          >
000C
000C  ;
000C  ;       WS_OPA0 -       If set reserve the first 24 scan lines for an OPA0 window
000C  ;
000C          PARAMETER       ADDRESS=exe$gl_wsflags,-;
000C                          DEFAULT=0,-     ;
000C                          MAX=1,-         ;
000C                          MIN=0,-         ;
000C                          NAME=WS_OPA0,-  ;
000C                          BIT=EXE$V_OPA0,-;
000C                          TYPE=<DYNAMIC,SYS>,-;
000C                          UNIT=Boolean
000C
000C  ;
000C  ; Define eight parameters which are used to pass information to the system
000C  ; startup procedure (STARTUP.COM).
000C  ;
000C          PARAMETER       ADDRESS=SGN$GB_STARTUP_P1,-
000C                          DEFAULT=<^A/    />,-
000C                          MIN=<^A/    />,-
000C                          MAX=<^A/zzzz/>,-
000C                          NAME=STARTUP_P1,-
000C                          SIZE=LONG,-
000C                          TYPE=<ASCII,SYS>,-
000C                          UNIT=Ascii
000C          PARAMETER       ADDRESS=SGN$GB_STARTUP_P2,-
000C                          DEFAULT=<^A/    />,-
000C                          MIN=<^A/    />,-
000C                          MAX=<^A/zzzz/>,-
000C                          NAME=STARTUP_P2,-
000C                          SIZE=LONG,-
000C                          TYPE=<ASCII,SYS>,-
000C                          UNIT=Ascii
000C          PARAMETER       ADDRESS=SGN$GB_STARTUP_P3,-
000C                          DEFAULT=<^A/    />,-
000C                          MIN=<^A/    />,-
000C                          MAX=<^A/zzzz/>,-
000C                          NAME=STARTUP_P3,-
000C                          SIZE=LONG,-
000C                          TYPE=<ASCII,SYS>,-
000C                          UNIT=Ascii
000C          PARAMETER       ADDRESS=SGN$GB_STARTUP_P4,-
000C                          DEFAULT=<^A/    />,-
000C                          MIN=<^A/    />,-
000C                          MAX=<^A/zzzz/>,-
000C                          NAME=STARTUP_P4,-
000C                          SIZE=LONG,-
000C                          TYPE=<ASCII,SYS>,-
000C                          UNIT=Ascii
000C          PARAMETER       ADDRESS=SGN$GB_STARTUP_P5,-
000C                          DEFAULT=<^A/    />,-
000C                          MIN=<^A/    />,-
000C                          MAX=<^A/zzzz/>,-
000C                          NAME=STARTUP_P5,-
```

```
000C                             SIZE=LONG,-
000C                             TYPE=<ASCII,SYS>,-
000C                             UNIT=Ascii
000C          PARAMETER          ADDRESS=SGN$GB_STARTUP_P6,-
000C                             DEFAULT=<^A/    />,-
000C                             MIN=<^A/    />,-
000C                             MAX=<^A/zzzz/>,-
000C                             NAME=STARTUP_P6,-
000C                             SIZE=LONG,-
000C                             TYPE=<ASCII,SYS>,-
000C                             UNIT=Ascii
000C          PARAMETER          ADDRESS=SGN$GB_STARTUP_P7,-
000C                             DEFAULT=<^A/    />,-
000C                             MIN=<^A/    />,-
000C                             MAX=<^A/zzzz/>,-
000C                             NAME=STARTUP_P7,-
000C                             SIZE=LONG,-
000C                             TYPE=<ASCII,SYS>,-
000C                             UNIT=Ascii
000C          PARAMETER          ADDRESS=SGN$GB_STARTUP_P8,-
000C                             DEFAULT=<^A/    />,-
000C                             MIN=<^A/    />,-
000C                             MAX=<^A/zzzz/>,-
000C                             NAME=STARTUP_P8,-
000C                             SIZE=LONG,-
000C                             TYPE=<ASCII,SYS>,-
000C                             UNIT=Ascii
000C
000C          .IF     NOT_DEFINED GETSYISW
000C
000C          .PAGE
000C          .SBTTL  COMPUTED VALUES
000C          .ALIGN  LONG                          ;
000C          DEFINE  SWP$GL_SHELLSIZ               ; PAGES REQUIRED FOR SHELL
000C          .LONG   0                             ;
000C
000C          DEFINE  SWP$GW_BAKPTE                 ; PHD PAGES FOR BAK+WSLX+LCK+VAL
000C          .WORD   0                             ;
000C
000C          DEFINE  SWP$GW_EMPTPTE                ; EMPTY PHDPAGES
000C          .WORD   0                             ;
000C
000C          DEFINE  SWP$GW_WSLPTE                 ; PHD PAGES FOR FIXED+WSL+PST
000C          .WORD   0                             ;
000C
000C          DEFINE  SWP$GB_SHLP1PT                ; P1 PAGE TABLES REQUIRED FOR SHELL
000C          .BYTE   0                             ;
000C
000C          .BYTE   0                             ; SPARE
000C
000C          DEFINE  SWP$GL_BSLOTSZ                ; SIZE OF BALANCE SLOT
000C          .LONG   0                             ;
000C
000C          DEFINE  SWP$GL_MAP                    ; SWAPPER MAP POINTER
000C          .LONG   0                             ;
000C
000C          DEFINE  SWP$GL_PHDBASVA               ; BASE ADDRESS OF PHD WINDOW
```

**F

```
000C          .LONG   0                          ;
000C
000C          DEFINE  SGN$GL_PHDAPCNT            ; TOTAL SHELL HEADER PAGES
000C          .LONG   0                          ;
000C
000C          DEFINE  SGN$GL_PHDLWCNT            ; COUNT OF LONGWORDS IN PHD
000C          .LONG   0                          ;
000C
000C          DEFINE  SGN$GL_P1LWCNT             ; COUNT OF LW TO END OF P1 PAGETABLE
000C          .LONG   0                          ;
000C
000C          DEFINE  SGN$GL_PHDPAGCT            ; TOTAL PHD PAGES LESS PAGE TABLES
000C          .LONG   0                          ;
000C
000C          DEFINE  SGN$GL_PTPAGCNT            ; TOTAL PAGE TABLE COUNT
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_CTLBASVA            ; BASE ADDRESS IN CONTROL REGION
000C          .LONG   0                          ;
000C
000C        ;
000C        ; THE FOLLOWING TWO CELLS MUST BE ADJACENT
000C        ;
000C          DEFINE  EXE$AL_STACKS              ; ARRAY OF KERNEL MODE SYSTEM SPACE STACKS
000C          .LONG   SWP$A_KSTK                 ; SWAPPER STACK (ADJACENT TO NULL STACK)
000C          DEFINE  EXE$GL_INTSTK              ; BASE OF INTERRUPT STACK
000C          .LONG   0                          ;
000C        ;
000C        ; THE PRECEDING TWO LONG WORDS MUST BE ADJACENT.
000C        ;
000C
000C          DEFINE  MMG$GL_GPTBASE             ; GLOBAL PAGE TABLE BASE ADDRESS
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_GPTE                ; BASE ADDRESS OF SPT PTES FOR GPT
000C          .LONG   0                          ; PAGES
000C
000C          DEFINE  MMG$GL_MAXGPTE             ; HIGHEST GPTE ADDRESS
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_MAXSYSVA            ; HIGHEST SYSTEM VA (+1)
000C          DEFINE  MMG$GL_FRESVA              ; SYNONYM
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_SPTBASE             ; BASE ADDRESS OF SPT (VIRTUAL)
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_SPTLEN              ; LENGTH OF SYSTEM PAGE TABLE
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_SYSPHD              ; VA OF SYSTEM PHD
000C          .LONG   0                          ;
000C
000C          DEFINE  MMG$GL_SYSPHDLN            ; SIZE OF SYSTEM PHD IN BYTES
000C          .LONG   0                          ;
000C
000C          DEFINE  SWP$GL_BALBASE             ; BASE VA OF BALANCE SLOTS FOR
```

```
000C        .LONG   0                       ; PROCESS HEADERS
000C
000C        DEFINE  SWP$GL_BALSPT           ; BASE VA IN SPT FOR MAPPING BALANCE
000C        .LONG   0                       ; SLOTS
000C
000C        DEFINE  MMG$GL_SBR              ; SYSTEM BASE REGISTER
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_NPAGEDYN         ; VA OF NON-PAGED POOL
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_NPAGNEXT         ; NEXT VA FOR NON-PAGED POOL EXTENSION
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_IRPNEXT          ; NEXT VA FOR IRP LIST EXTENSION
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_LRPNEXT          ; NEXT VA FOR LRP LIST EXTENSION
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_SRPNEXT          ; NEXT VA FOR SRP LIST EXTENSION
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_PAGEDYN          ; VA OF PAGED POOL
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_MAXPFN           ; MAXIMUM PFN FOR SYSTEM
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_MINPFN           ; MINIUMUM PFN IN PFN DATABASE
000C        .LONG   0                       ;
000C
000C        DEFINE  MMG$GL_MAXMEM           ; HIGHEST PFN MAPPED BY SYSBOOT
000C        .LONG   0                       ; INCLUDES PAGES NOT IN PFN DATABASE
000C
000C        DEFINE  EXE$GL_RPB              ; VIRTUAL ADDRESS OF RESTART PARAMETER BLK
000C        .LONG   0                       ;
000C
000C        DEFINE  BOO$GL_SPTFREL          ; LOWER VPN OF SPT FREE AREA
000C        .LONG   0                       ;
000C
000C        DEFINE  BOO$GL_SPTFREH          ; HIGHER VPN OF SPT FREE AREA
000C        .LONG   0                       ;
000C
000C        DEFINE  EXE$GL_SCB              ; VIRTUAL ADDRESS OF SCB
000C        .LONG   0                       ;
000C
000C        DEFINE  EXE$GL_ARCHFLAG         ; ARCHITECTURAL FLAGS (BITS DEFINED
000C        .LONG   0                       ; BY $ARCDEF
000C
000C        DEFINE  EXE$GB_CPUDATA          ; 16 BYTES OF DATA ABOUT THE CPU
000C        .LONG   0,0,0,0                 ; 4 BYTES FOR SID, REST CPU SPECIFIC
000C
000C        DEFINE  EXE$GB_CPUTYPE          ; CPU TYPE READ FROM SID
000C        .BYTE   0                       ;
000C
000C        .IF     NDF,PRMSW               ; SIZE OF PFN DATA BASE IN BYTES
```

```
000C             PFN$C_WORD_LEN == 18            ;  ... with word length FLINK and BLINK
000C             PFN$C_LONG_LEN == 22            ;  ... with longword length FLINK and BLINK
000C             .ENDC                           ;
000C
000C             DEFINE  PFN$GB_LENGTH           ; Number of bytes per page in PFN data base
000C             .BYTE   PFN$C_WORD_LEN          ; Defaults to word length FLINK and BLINK
000C
000C             DEFINE  MMG$GW_BIGPFN           ; Flag to indicate size of PFN FLINK, BLINK
000C             .WORD   0                       ; word for historical reasons
000C
000C             DEFINE  EXE$GW_PGFL_FID         ; FILE ID OF PAGEFILE.SYS
000C             .WORD   0,0,0                   ; IF FILE IS IN PAGE FILE
000C
000C             .ALIGN  LONG                    ; LONWORD ALIGN POINTERS
000C             DEFINE  PFN$A_BASE              ; BASE OF PFN POINTERS
000C             PFNALC  L,PTE                   ; ADDRESS OF PAGE TABLE ENTRY
000C             PFNALC  L,BAK                   ; BACKING STORE ADDRESS
000C             PFNALC  W,REFCNT                ; REFERENCE COUNT
000C             PFNALC  x,<FLINK,-              ; FORWARD LINK
000C                     SHRCNT>                 ; ALSO USED AS GLOBAL SHARE COUNT
000C             PFNALC  x,<BLINK,-              ; BACK LINK
000C                     WSLX>                   ; ALSO USED AS WORKING SET LIST INDEX
000C             PFNALC  W,SWPVBN                ; SWAP IMAGE VIRTUAL BLOCK OFFSET
000C             PFNALC  B,STATE                 ; STATE OF PAGE
000C             PFNALC  B,TYPE                  ; TYPE OF PAGE
000C
000C             DEFINE  EXE$GT_STARTUP          ; NAME OF STARTUP COMMAND FILE
000C             .ASCIC  /SYS$SYSTEM:STARTUP.COM/; DEFAULT VALUE
000C             .BLKB   <32-<.-EXE$GT_STARTUP>> ; ALLOW FOR 31 BYTES + COUNT
000C             .IF     NDF,PRMSW               ; IF EXEC VERSION
000C     EXE$C_SYSPARSZ==.-EXE$A_SYSPARAM        ; SIZE OF SYSTEM PARAMETERS
000C             .IFF                            ;
000C             .PSECT  $$$918,LONG             ;
000C             .LONG   0                       ; FLAG TO MARK END
000C             .ENDC                           ;
000C
000C             .PAGE
000C             .SUBTITLE       MMG$GL_PGDCOD   Boundary of pageable exec
000C     ;-
000C     ;   The cells in this module between the definition of EXE$C_SYSPARSZ and
000C     ;   the definition of BOO$C_SYSPARSZ are used for communication between
000C     ;   SYSBOOT and SYS.EXE without interference from the SYSGEN USE and WRITE
000C     ;   commands. SYSBOOT uses BOO$C_SYSPARSZ as the size of the parameter area.
000C     ;   SYSGEN uses EXE$C_SYSPARSZ as its size constant and so SYSGEN commands
000C     ;   do not affect the contents of cells that follow the definition of
000C     ;   EXE$C_SYSPARSZ.
000C     ;
000C     ;   The cell called MMG$GL_PGDCOD contains the address of the boundary
000C     ;   between the nonpaged and pageable exec routines. This cell is used by
000C     ;   both INIT and SYSBOOT. It is initialized by SYSBOOT to point to the
000C     ;   beginning of the second page of patch area that lies between nonpaged
000C     ;   and pageable exec routines. If it is necessary to add another page of
000C     ;   nonpaged patch space, then this cell (from BOO$GL_PGDCOD in SYSBOOT) and
000C     ;   the first longword of the descriptor for the nonpaged read-only patch area
000C     ;   must have 512 added to their contents.
000C     ;-
000C
```

```
000C          .IF     NDF,PRMSW
000C          .PSECT  $$$917
000C          .IFF
000C          .PSECT  $$$917A
000C          .ENDC
000C
000C          DEFINE          MMG$GL_PGDCOD   ; CELL THAT CONTAINS BOUNDARY
000C          DEFINE          PAT$GL_EXP_NPG2 ; (SYNONYM)
000C          .LONG   0
000C
000C          .IF     NDF,PRMSW
000C
000C  BOO$C_SYSPARSZ==.-EXE$A_SYSPARAM        ; SIZE OF PARAMETER AREA READ BY SYSBOOT
000C
000C  ;
000C  ;  Bound pagable exec code to page boundary and define
000C  ;  starting virtual address of this region.
000C  ;
000C
000C          .PSECT  Y$$$BEGIN_PAGEDCODE,PAGE
000C          .ENDC
000C
000C          .ENDC           ; NOT_DEFINED GETSYISW
000C
000C  ;
000C  ; Terminate the definition of the macro
000C  ;
000C          .ENDM   SYI_GENERATE_TABLE
000C
000C  ;
000C  ; Invoke the macro just defined (if this isn't getsyi)
000C  ;
000C          .IIF    NOT_DEFINED GETSYISW,   SYI_GENERATE_TABLE
```

```
         0194
         0194           .NLIST  CND
         0194           PARAMETER       ADDRESS=EXE$GL_DEFFLAGS,-        ;
         0194                           DEFAULT=1,-     ;
         0194                           MAX=1,-         ;
         0194                           MIN=0,-         ;
         0194                           NAME=BUGREBOOT,-;
         0194                           BIT=EXE$V_BUGREBOOT,-   ;
         0194                           TYPE=<DYNAMIC,SYS>,-    ;
         0194                           UNIT=Boolean
         0194
         0194   ;
         0194   ; When GETSYISW is defined, the macro PARAMETER becomes a conduit to
         0194   ; a lower level macro SYI_ITEM_CODE. In the fashion of JPI_ITEM_CODE and
         0194   ; DVI_ITEM_CODE, SYI_ITEM_CODE is called multiple times (once per item)
         0194   ; by the larger macro SYI_GENERATE_TABLE. This file becomes the definition
         0194   ; of SYI_GENERATE_TABLE when GETSYISW is defined.
         0194   ;
00000004 0194           OUTLEN = 4
         0194
         0194
         0194
         0194
         0194
```

```
0000  3953
0000  3954        .IIF    NOT_DEFINED GETSYISW,   .END     ; PREFIX FILE, IF GETSYISW
```

```
ACP$GB_BASEPRIO        00000288 RG   02        EXE$GW_PGFL_FID            000003A4 RG   02
ACP$GB_DATACHK         00000287 RG   02        EXE$V_BRK_DISUSER        = 00000003  G
ACP$GB_MAXREAD         00000284 RG   02        EXE$V_BRK_TERM           = 00000002  G
ACP$GB_SWAPFLGS        00000289 RG   02        EXE$V_BUGDUMP            = 00000010  G
ACP$GB_WINDOW          00000285 RG   02        EXE$V_BUGREBOOT          = 0000000D  G
ACP$GB_WRITBACK        00000286 RG   02        EXE$V_CJFLOAD            = 0000001D  G
ACP$GW_DINDXCACHE      00000276 RG   02        EXE$V_CJFSYSRUJ          = 0000001E  G
ACP$GW_DIRCACHE        00000274 RG   02        EXE$V_CLASS_PROT         = 00000000  G
ACP$GW_EXTCACHE        0000027C RG   02        EXE$V_CONCEALED          = 00000012  G
ACP$GW_EXTLIMIT        0000027E RG   02        EXE$V_CRDENABL           = 00000006  G
ACP$GW_FIDCACHE        0000027A RG   02        EXE$V_DISMOUMSG          = 00000001  G
ACP$GW_HDRCACHE        00000272 RG   02        EXE$V_EXPLICITP          = 00000014  G
ACP$GW_MAPCACHE        00000270 RG   02        EXE$V_EXPLICITS          = 00000015  G
ACP$GW_QUOCACHE        00000280 RG   02        EXE$V_FATAL_BUG          = 0000000A  G
ACP$GW_SYSACC          00000282 RG   02        EXE$V_INIT               = 00000008  G
ACP$GW_WORKSET         00000278 RG   02        EXE$V_JOBQUEUES          = 0000001B  G
ACP$V_READCHK        = 00000000  G             EXE$V_MOUNTMSG           = 00000000  G
ACP$V_SWAPGRP        = 00000001  G             EXE$V_MULTACP            = 0000000B  G
ACP$V_SWAPMAG        = 00000003  G             EXE$V_NOAUTOCNF          = 00000001  G
ACP$V_SWAPPRV        = 00000002  G             EXE$V_NOCLOCK            = 00000005  G
ACP$V_SWAPSYS        = 00000000  G             EXE$V_NOCLUSTER          = 0000000C  G
ACP$V_WRITECHK       = 00000001  G             EXE$V_OPA0               = 00000000  G
BIT...               = 00000001                EXE$V_PAGFILDMP          = 00000019  G
BOO$C_SYSPARSZ       = 000003F0  G             EXE$V_PGFLCRIT           = 00000017  G
BOO$GL_SPTFREH         00000384 RG   02        EXE$V_PGFLFRAG           = 00000016  G
BOO$GL_SPTFREL         00000380 RG   02        EXE$V_POOLPGING          = 00000003  G
CLU$GB_QDISK           000002B4 RG   02        EXE$V_REBLDSYSD          = 00000001  G
CLU$GB_VAXCLUSTER      000002AC RG   02        EXE$V_REINITQUE          = 0000001C  G
CLU$GL_ALLOCLS         000002C8 RG   02        EXE$V_RESALLOC           = 00000011  G
CLU$GW_LCKDIRWT        000002CC RG   02        EXE$V_SAVEDUMP           = 0000001A  G
CLU$GW_QDSKINTERVAL    000002C6 RG   02        EXE$V_SBIERR             = 00000007  G
CLU$GW_QDSKVOTES       000002C4 RG   02        EXE$V_SETTIME            = 00000009  G
CLU$GW_QUORUM          000002AE RG   02        EXE$V_SHRF11ACP          = 0000000F  G
CLU$GW_RECNXINT        000002B2 RG   02        EXE$V_SIMULATOR          = 00000004  G
CLU$GW_VOTES           000002B0 RG   02        EXE$V_SSINHIBIT          = 00000013  G
DEDUCTIBLE           = 00000001                EXE$V_SYSPAGING          = 00000002  G
EXE$AL_STACKS          00000324 RG   02        EXE$V_SYSUAFALT          = 0000000E  G
EXE$A_SYSPARAM         00000000 RG   02        EXE$V_SYSWRTABL          = 00000000  G
EXE$C_SYSPARSZ       = 000003EC  G             EXE$V_TBCHK              = 00000018  G
EXE$GB_CPUDATA         00000390 RG   02        EXE$V_WRITESYSPARAMS     = 00000001  G
EXE$GB_CPUTYPE         000003A0 RG   02        EXE$V_XQP_RESIDENT       = 00000000  G
EXE$GL_ARCHFLAG        0000038C RG   02        IOC$GQ_LAMAPREG            00000126 RG   02
EXE$GL_CLITABL         0000012C RG   02        IOC$GW_MAXBUF              00000106 RG   02
EXE$GL_DEFFLAGS        00000190 RG   02        IOC$GW_MBXBFQUO            00000108 RG   02
EXE$GL_DYNAMIC_FLAGS   00000194 RG   02        IOC$GW_MBXMXMSG            0000010A RG   02
EXE$GL_INTSTK          00000328 RG   02        IOC$GW_MBXNMMSG            0000010C RG   02
EXE$GL_LOCKRTRY        00000120 RG   02        IOC$GW_MVTIMEOUT           00000104 RG   02
EXE$GL_MSGFLAGS        0000019C RG   02        IOC$GW_XFMXRATE            00000124 RG   02
EXE$GL_RPB             0000037C RG   02        LCK$GL_EXTRASTK            0000002C RG   02
EXE$GL_RTIMESPT        00000128 RG   02        LCK$GL_HTBLSIZ             00000138 RG   02
EXE$GL_SCB             00000388 RG   02        LCK$GL_IDTBLMAX            00000134 RG   02
EXE$GL_STATIC_FLAGS    00000198 RG   02        LCK$GL_IDTBLSIZ            00000130 RG   02
EXE$GL_SYSUIC          00000100 RG   02        LCK$GL_WAITTIME            0000013C RG   02
EXE$GL_TODR            00000008 RG   02        LNM$GL_HTBLSIZP            0000018C RG   02
EXE$GL_WSFLAGS         000002D0 RG   02        LNM$GL_HTBLSIZS            00000188 RG   02
EXE$GQ_TODCBASE        00000000 RG   02        MMG$GL_CTLBASVA            00000320 RG   02
EXE$GT_STARTUP         000003CC RG   02        MMG$GL_FRESVA              00000338 RG   02
```

```
MMG$GL_GPTBASE                   0000032C RG     02
MMG$GL_GPTE                      00000330 RG     02
MMG$GL_IRPNEXT                   00000360 RG     02
MMG$GL_LRPNEXT                   00000364 RG     02
MMG$GL_MAXGPTE                   00000334 RG     02
MMG$GL_MAXMEM                    00000378 RG     02
MMG$GL_MAXPFN                    00000370 RG     02
MMG$GL_MAXSYSVA                  00000338 RG     02
MMG$GL_MINPFN                    00000374 RG     02
MMG$GL_NPAGEDYN                  00000358 RG     02
MMG$GL_NPAGNEXT                  0000035C RG     02
MMG$GL_PAGEDYN                   0000036C RG     02
MMG$GL_PGDCOD                    000003EC RG     02
MMG$GL_PHYPGCNT                  00000098 RG     02
MMG$GL_SBR                       00000354 RG     02
MMG$GL_SPTBASE                   0000033C RG     02
MMG$GL_SPTLEN                    00000340 RG     02
MMG$GL_SRPNEXT                   00000368 RG     02
MMG$GL_SYSPHD                    00000344 RG     02
MMG$GL_SYSPHDLN                  00000348 RG     02
MMG$GW_BIGPFN                    000003A2 RG     02
MPW$AW_INITVAL                   00000084 RG     02
MPW$GB_PRIO                      0000008A RG     02
MPW$GL_THRESH                    0000008C RG     02
MPW$GL_WAITLIM                   00000090 RG     02
MPW$GW_HILIM                     00000086 RG     02
MPW$GW_LOLIM                     00000088 RG     02
MPW$GW_MPWPFC                    00000084 RG     02
OP$_ACBD                       = 0000006F
OP$_ACBF                       = 0000004F
OP$_ACBG                       = 00004FFD
OP$_ACBH                       = 00006FFD
OP$_ADDD2                      = 00000060
OP$_ADDD3                      = 00000061
OP$_ADDF2                      = 00000040
OP$_ADDF3                      = 00000041
OP$_ADDG2                      = 000040FD
OP$_ADDG3                      = 000041FD
OP$_ADDH2                      = 000060FD
OP$_ADDH3                      = 000061FD
OP$_ADDP4                      = 00000020
OP$_ADDP6                      = 00000021
OP$_ASHP                       = 000000F8
OP$_CLRD                       = 0000007C
OP$_CLRF                       = 000000D4
OP$_CLRG                       = 0000007C
OP$_CLRH                       = 00007CFD
OP$_CMPD                       = 00000071
OP$_CMPF                       = 00000051
OP$_CMPG                       = 000051FD
OP$_CMPH                       = 000071FD
OP$_CMPP3                      = 00000035
OP$_CMPP4                      = 00000037
OP$_CRC                        = 0000000B
OP$_CVTBD                      = 0000006C
OP$_CVTBF                      = 0000004C
OP$_CVTBG                      = 00004CFD
OP$_CVTBH                      = 00006CFD
OP$_CVTDB                      = 00000068
OP$_CVTDF                      = 00000076
OP$_CVTDH                      = 000032FD
OP$_CVTDL                      = 0000006A
OP$_CVTDW                      = 00000069
OP$_CVTFB                      = 00000048
OP$_CVTFD                      = 00000056
OP$_CVTFG                      = 000099FD
OP$_CVTFH                      = 000098FD
OP$_CVTFL                      = 0000004A
OP$_CVTFW                      = 00000049
OP$_CVTGB                      = 000048FD
OP$_CVTGF                      = 000033FD
OP$_CVTGH                      = 000056FD
OP$_CVTGL                      = 00004AFD
OP$_CVTGW                      = 000049FD
OP$_CVTHB                      = 000068FD
OP$_CVTHD                      = 0000F7FD
OP$_CVTHF                      = 0000F6FD
OP$_CVTHG                      = 000076FD
OP$_CVTHL                      = 00006AFD
OP$_CVTHW                      = 000069FD
OP$_CVTLD                      = 0000006E
OP$_CVTLF                      = 0000004E
OP$_CVTLG                      = 00004EFD
OP$_CVTLH                      = 00006EFD
OP$_CVTLP                      = 000000F9
OP$_CVTPL                      = 00000036
OP$_CVTPS                      = 00000008
OP$_CVTPT                      = 00000024
OP$_CVTRDL                     = 0000006B
OP$_CVTRFL                     = 0000004B
OP$_CVTRGL                     = 00004BFD
OP$_CVTRHL                     = 00006BFD
OP$_CVTSP                      = 00000009
OP$_CVTTP                      = 00000026
OP$_CVTWD                      = 0000006D
OP$_CVTWF                      = 0000004D
OP$_CVTWG                      = 00004DFD
OP$_CVTWH                      = 00006DFD
OP$_DIVD2                      = 00000066
OP$_DIVD3                      = 00000067
OP$_DIVF2                      = 00000046
OP$_DIVF3                      = 00000047
OP$_DIVG2                      = 000046FD
OP$_DIVG3                      = 000047FD
OP$_DIVH2                      = 000066FD
OP$_DIVH3                      = 000067FD
OP$_DIVP                       = 00000027
OP$_EDITPC                     = 00000038
OP$_EMODD                      = 00000074
OP$_EMODF                      = 00000054
OP$_EMODG                      = 000054FD
OP$_EMODH                      = 000074FD
OP$_MATCHC                     = 00000039
OP$_MNEGD                      = 00000072
```

```
OP$_MNEGF            = 00000052
OP$_MNEGG            = 000052FD
OP$_MNEGH            = 000072FD
OP$_MOVD             = 00000070
OP$_MOVF             = 00000050
OP$_MOVG             = 000050FD
OP$_MOVH             = 000070FD
OP$_MOVP             = 00000034
OP$_MOVTC            = 0000002E
OP$_MOVTUC           = 0000002F
OP$_MULD2            = 00000064
OP$_MULD3            = 00000065
OP$_MULF2            = 00000044
OP$_MULF3            = 00000045
OP$_MULG2            = 000044FD
OP$_MULG3            = 000045FD
OP$_MULH2            = 000064FD
OP$_MULH3            = 000065FD
OP$_MULP             = 00000025
OP$_POLYD            = 00000075
OP$_POLYF            = 00000055
OP$_POLYG            = 000055FD
OP$_POLYH            = 000075FD
OP$_SCANC            = 0000002A
OP$_SKPC             = 0000003B
OP$_SPANC            = 0000002B
OP$_SUBD2            = 00000062
OP$_SUBD3            = 00000063
OP$_SUBF2            = 00000042
OP$_SUBF3            = 00000043
OP$_SUBG2            = 000042FD
OP$_SUBG3            = 000043FD
OP$_SUBH2            = 000062FD
OP$_SUBH3            = 000063FD
OP$_SUBP4            = 00000022
OP$_SUBP6            = 00000023
OP$_TSTD             = 00000073
OP$_TSTF             = 00000053
OP$_TSTG             = 000053FD
OP$_TSTH             = 000073FD
OUTLEN               = 00000004
PAT$GL_EXP_NPG2        000003EC RG    02
PFN$AB_STATE           000003C4 RG    02
PFN$AB_TYPE            000003C8 RG    02
PFN$AL_BAK             000003B0 RG    02
PFN$AL_PTE             000003AC RG    02
PFN$AW_REFCNT          000003B4 RG    02
PFN$AW_SWPVBN          000003C0 RG    02
PFN$AX_BLINK           000003BC RG    02
PFN$AX_FLINK           000003B8 RG    02
PFN$AX_SHRCNT          000003B8 RG    02
PFN$AX_WSLX            000003BC RG    02
PFN$A_BASE             000003AC RG    02
PFN$C_LONG_LEN       = 00000016  G
PFN$C_WORD_LEN       = 00000012  G
PFN$GB_LENGTH          000003A1 RG    02
PQL$AB_FLAG            0000025F RG    02
PQL$AL_DEFAULT         000001E4 RG    02
PQL$AL_MIN             00000220 RG    02
PQL$GDASTLM            000001E8 RG    02
PQL$GDBIOLM            000001EC RG    02
PQL$GDBYTLM            000001F0 RG    02
PQL$GDCPULM            000001F4 RG    02
PQL$GDDIOLM            000001F8 RG    02
PQL$GDENQLM            00000214 RG    02
PQL$GDFILLM            000001FC RG    02
PQL$GDJTQUOTA          0000021C RG    02
PQL$GDPGFLQUOTA        00000200 RG    02
PQL$GDPRCLM            00000204 RG    02
PQL$GDTQELM            00000208 RG    02
PQL$GDWSDEFAULT        00000210 RG    02
PQL$GDWSEXTENT         00000218 RG    02
PQL$GDWSQUOTA          0000020C RG    02
PQL$GMASTLM            00000224 RG    02
PQL$GMBIOLM            00000228 RG    02
PQL$GMBYTLM            0000022C RG    02
PQL$GMCPULM            00000230 RG    02
PQL$GMDIOLM            00000234 RG    02
PQL$GMENQLM            00000250 RG    02
PQL$GMFILLM            00000238 RG    02
PQL$GMJTQUOTA          00000258 RG    02
PQL$GMPGFLQUOTA        0000023C RG    02
PQL$GMPRCLM            00000240 RG    02
PQL$GMTQELM            00000244 RG    02
PQL$GMWSDEFAULT        0000024C RG    02
PQL$GMWSEXTENT         00000254 RG    02
PQL$GMWSQUOTA          00000248 RG    02
PQL$_ASTLM           = 00000001
PQL$_BIOLM           = 00000002
PQL$_BYTLM           = 00000003
PQL$_CPULM           = 00000004
PQL$_DIOLM           = 00000005
PQL$_ENQLM           = 0000000C
PQL$_FILLM           = 00000006
PQL$_JTQUOTA         = 0000000E
PQL$_LENGTH          = 0000000F
PQL$_PGFLQUOTA       = 00000007
PQL$_PRCLM           = 00000008
PQL$_TQELM           = 00000009
PQL$_WSDEFAULT       = 0000000B
PQL$_WSEXTENT        = 0000000D
PQL$_WSQUOTA         = 0000000A
PQL$AV...            = 0000026F R     02
PQL_M_DEDUCT         = 00000001
PQL_V_DEDUCT         = 00000000
SCH$GL_AWSTIME         000000B4 RG    02
SCH$GL_BORROWLIM       0000011C RG    02
SCH$GL_GROWLIM         00000118 RG    02
SCH$GL_PFRATH          000000A0 RG    02
SCH$GL_PFRATL          0000009C RG    02
SCH$GL_PFRATS          000000A4 RG    02
SCH$GL_SWPRATE         000000B8 RG    02
SCH$GL_WSDEC           000000AC RG    02
SCH$GL_WSINC           000000A8 RG    02
```

```
SCH$GW_AWSMIN                    000000B0 RG     02
SCH$GW_DORMANTWAIT               000000C6 RG     02
SCH$GW_IOTA                      000000C2 RG     02
SCH$GW_LONGWAIT                  000000C4 RG     02
SCH$GW_QUAN                      00000082 RG     02
SCH$GW_SWPFAIL                   000000C8 RG     02
SCS$GB_NODENAME                  00000154 RG     02
SCS$GB_PAMXPORT                  00000163 RG     02
SCS$GB_PANOPOLL                  00000169 RG     02
SCS$GB_PANPOLL                   00000162 RG     02
SCS$GB_PASANITY                  00000168 RG     02
SCS$GB_SYSTEMID                  0000014C RG     02
SCS$GB_SYSTEMIDH                 00000150 RG     02
SCS$GB_UDABURST                  00000186 RG     02
SCS$GW_BDTCNT                    00000140 RG     02
SCS$GW_CDTCNT                    00000142 RG     02
SCS$GW_FLOWCUSH                  0000014A RG     02
SCS$GW_MAXDG                     00000146 RG     02
SCS$GW_MAXMSG                    00000148 RG     02
SCS$GW_PAPOLINT                  00000164 RG     02
SCS$GW_PAPOOLIN                  00000166 RG     02
SCS$GW_PAPPDDG                   00000160 RG     02
SCS$GW_PASTMOUT                  0000015E RG     02
SCS$GW_PRCPOLINT                 0000015C RG     02
SCS$GW_RDTCNT                    00000144 RG     02
SGN$GB_KFILSTCT                  00000010 RG     02
SGN$GB_PGTBPFC                   0000000E RG     02
SGN$GB_STARTUP_P1                000002D4 RG     02
SGN$GB_STARTUP_P2                000002D8 RG     02
SGN$GB_STARTUP_P3                000002DC RG     02
SGN$GB_STARTUP_P4                000002E0 RG     02
SGN$GB_STARTUP_P5                000002E4 RG     02
SGN$GB_STARTUP_P6                000002E8 RG     02
SGN$GB_STARTUP_P7                000002EC RG     02
SGN$GB_STARTUP_P8                000002F0 RG     02
SGN$GB_SYSPFC                    0000000F RG     02
SGN$GB_TAILORED                  000002CE RG     02
SGN$GL_BALSETCT                  00000030 RG     02
SGN$GL_EXTRACPU                  000000FC RG     02
SGN$GL_EXUSRSTK                  00000054 RG     02
SGN$GL_FREEGOAL                  00000114 RG     02
SGN$GL_FREELIM                   00000110 RG     02
SGN$GL_GBLPAGFIL                 00000018 RG     02
SGN$GL_IRPCNT                    00000034 RG     02
SGN$GL_IRPCNTV                   00000038 RG     02
SGN$GL_LOADFLAGS                 000001A0 RG     02
SGN$GL_LRPCNT                    00000058 RG     02
SGN$GL_LRPCNTV                   0000005C RG     02
SGN$GL_LRPMIN                    00000064 RG     02
SGN$GL_LRPSIZE                   00000060 RG     02
SGN$GL_MAXGPGCT                  00000014 RG     02
SGN$GL_MAXVPGCT                  0000004C RG     02
SGN$GL_MAXWSCNT                  0000003C RG     02
SGN$GL_NPAGEDYN                  00000040 RG     02
SGN$GL_NPAGEVIR                  00000044 RG     02
SGN$GL_P1LWCNT                   00000314 RG     02
SGN$GL_PAGEDYN                   00000048 RG     02
SGN$GL_PE1                       0000016C RG     02
SGN$GL_PE2                       00000170 RG     02
SGN$GL_PE3                       00000174 RG     02
SGN$GL_PE4                       00000178 RG     02
SGN$GL_PE5                       0000017C RG     02
SGN$GL_PE6                       00000180 RG     02
SGN$GL_PHDAPCNT                  0000030C RG     02
SGN$GL_PHDLWCNT                  00000310 RG     02
SGN$GL_PHDPAGCT                  00000318 RG     02
SGN$GL_PTPAGCNT                  0000031C RG     02
SGN$GL_SPTREQ                    00000050 RG     02
SGN$GL_SRPCNT                    00000068 RG     02
SGN$GL_SRPCNTV                   0000006C RG     02
SGN$GL_SRPMIN                    00000074 RG     02
SGN$GL_SRPSIZE                   00000070 RG     02
SGN$GL_USER3                     000000F4 RG     02
SGN$GL_USER4                     000000F8 RG     02
SGN$GL_USERD1                    000000EC RG     02
SGN$GL_USERD2                    000000F0 RG     02
SGN$GL_VMS5                      000000DC RG     02
SGN$GL_VMS6                      000000E0 RG     02
SGN$GL_VMS7                      000000E4 RG     02
SGN$GL_VMS8                      000000E8 RG     02
SGN$GL_VMSD1                     000000CC RG     02
SGN$GL_VMSD2                     000000D0 RG     02
SGN$GL_VMSD3                     000000D4 RG     02
SGN$GL_VMSD4                     000000D8 RG     02
SGN$GW_CTLIMGLIM                 0000007E RG     02
SGN$GW_CTLPAGES                  0000007C RG     02
SGN$GW_DFPFC                     0000000C RG     02
SGN$GW_DFWSCNT                 = 00000210 RG     02
SGN$GW_GBLSECNT                  00000012 RG     02
SGN$GW_IMGIOCNT                  00000080 RG     02
SGN$GW_ISPPGCT                   0000002A RG     02
SGN$GW_MAXPRCCT                  0000001C RG     02
SGN$GW_MAXPSTCT                  00000020 RG     02
SGN$GW_MINWSCNT                  00000022 RG     02
SGN$GW_PAGFILCT                  00000024 RG     02
SGN$GW_PCHANCNT                  00000078 RG     02
SGN$GW_PIOPAGES                  0000007A RG     02
SGN$GW_PIXSCAN                   0000001E RG     02
SGN$GW_SWPFILES                  00000026 RG     02
SGN$GW_SYSDWSCT                  00000028 RG     02
SGN$GW_TPWAIT                    00000184 RG     02
SGN$GW_WSLMXSKP                  00000094 RG     02
SGN$V_LOADCHKPRT               = 00000001  G
SGN$V_LOADERAPAT               = 00000000  G
SGN$V_LOADMTACCESS             = 00000002  G
SIZ...                         = 00000001
SWP$A_KSTK                       ********   X    02
SWP$GB_PRIO                      0000008B RG     02
SWP$GB_SHLP1PT                   000002FE RG     02
SWP$GL_BALBASE                   0000034C RG     02
SWP$GL_BALSPT                    00000350 RG     02
SWP$GL_BSLOTSZ                   00000300 RG     02
SWP$GL_MAP                       00000304 RG     02
SWP$GL_PHDBASVA                  00000308 RG     02
```

```
SWP$GL_SHELLSIZ         000002F4 RG    02
SWP$GL_SWPPGCNT         000000BC RG    02
SWP$GW_BAKPTE           000002F8 RG    02
SWP$GW_EMPTPTE          000002FA RG    02
SWP$GW_SWPINC           000000C0 RG    02
SWP$GW_WSLPTE           000002FC RG    02
SYS$GB_BRK_LIM          000002A3 RG    02
SYS$GB_DEFPRI           0000028C RG    02
SYS$GB_DEFQUEPRI        00000298 RG    02
SYS$GB_DFMBC            000001D8 RG    02
SYS$GB_DFMBFHSH         000001DE RG    02
SYS$GB_DFMBFIDX         000001DD RG    02
SYS$GB_DFMBFREL         000001DC RG    02
SYS$GB_DFMBFSDK         000001D9 RG    02
SYS$GB_DFMBFSMT         000001DA RG    02
SYS$GB_DFMBFSUR         000001DB RG    02
SYS$GB_DFNBC            000001E6 RG    02
SYS$GB_MAXQUEPRI        0000029C RG    02
SYS$GB_PWD_TMO          000002A0 RG    02
SYS$GB_RETRY_LIM        000002A1 RG    02
SYS$GB_RETRY_TMO        000002A2 RG    02
SYS$GB_RMSPROLOG        000001DF RG    02
SYS$GL_BRK_TMO          000002A4 RG    02
SYS$GL_HID_TIM          000002A8 RG    02
SYS$GW_BJOBLIM          00000290 RG    02
SYS$GW_FILEPROT         000001E2 RG    02
SYS$GW_GBLBUFQUO        000001E4 RG    02
SYS$GW_IJOBLIM          0000028E RG    02
SYS$GW_NJOBLIM          00000292 RG    02
SYS$GW_RJOBLIM          00000294 RG    02
SYS$GW_RMSEXTEND        000001E0 RG    02
TT$C_BAUD_9600        = 0000000F
TT$M_LOWER            = 00000080
TT$M_SCOPE            = 00001000
TT$M_TTSYNC           = 00000020
TT$M_WRAP             = 00000200
TT$V_PAGE             = 00000018
TT2$M_AUTOBAUD        = 00000002
TT2$M_EDITING         = 00001000
TTY$GB_AUTOCHAR         000001D0 RG    02
TTY$GB_DEFSPEED         000001A9 RG    02
TTY$GB_DIALTYP          000001A8 RG    02
TTY$GB_PARITY           000001AB RG    02
TTY$GB_RSPEED           000001AA RG    02
TTY$GB_SILOTIME         000001CA RG    02
TTY$GL_DEFCHAR          000001B0 RG    02
TTY$GL_DEFCHAR2         000001B4 RG    02
TTY$GL_DEFPORT          000001D4 RG    02
TTY$GL_DELTA            000001A4 RG    02
TTY$GL_OWNUIC           000001C4 RG    02
TTY$GL_TIMEOUT          000001CC RG    02
TTY$GW_ALTALARM         000001BC RG    02
TTY$GW_ALTYPAHD         000001BA RG    02
TTY$GW_CLASSNAM         000001C8 RG    02
TTY$GW_DEFBUF           000001AC RG    02
TTY$GW_DMASIZE          000001BE RG    02
TTY$GW_PROT             000001C0 RG    02
TTY$GW_TYPAHDSZ         000001B8 RG    02
```

```
                                    +----------------+
                                    ! Psect synopsis !
                                    +----------------+

PSECT name                  Allocation          PSECT No.  Attributes
----------                  ----------          ---------  ----------
.  ABS  .                   00000000  (     0.)  00 (  0.)  NOPIC   USR   CON   ABS   LCL NOSHR NOEXE NORD  NOWRT NOVEC BYTE
$ABS$                       00000000  (     0.)  01 (  1.)  NOPIC   USR   CON   ABS   LCL NOSHR   EXE   RD    WRT NOVEC BYTE
$$$917                      000003F0  (  1008.)  02 (  2.)  NOPIC   USR   CON   REL   LCL NOSHR   EXE   RD    WRT NOVEC PAGE
Y$$$BEGIN_PAGEDCODE         00000000  (     0.)  03 (  3.)  NOPIC   USR   CON   REL   LCL NOSHR   EXE   RD    WRT NOVEC PAGE

                                  +------------------------+
                                  ! Performance indicators !
                                  +------------------------+

Phase                     Page faults    CPU Time       Elapsed Time
-----                     -----------    --------       ------------
Initialization                     29    00:00:00.04    00:00:01.51
Command processing                107    00:00:00.66    00:00:04.31
Pass 1                           1165    00:01:18.60    00:04:13.98
Symbol table sort                   0    00:00:02.07    00:00:07.94
Pass 2                            451    00:00:18.79    00:01:02.21
Symbol table output                 1    00:00:00.37    00:00:01.33
Psect synopsis output               0    00:00:00.03    00:00:00.03
Cross-reference output              0    00:00:00.00    00:00:00.00
Assembler run totals             1755    00:01:40.56    00:05:31.32

The working set limit was 3150 pages.
331834 bytes (649 pages) of virtual memory were used to buffer the intermediate code.
There were 80 pages of symbol table space allocated to hold 1321 non-local and 0 local symbols.
6706 source lines were read in Pass 1, producing 36 object records in Pass 2.
302 pages of virtual memory were used to define 146 macros.

                                 +--------------------------+
                                 ! Macro library statistics !
                                 +--------------------------+

Macro library name                       Macros defined
------------------                       --------------
_$255$DUA28:[SYS.OBJ]LIB.MLB;1                        2
_$255$DUA28:[SYSLIB]STARLET.MLB;2                     9
TOTALS (all libraries)                               11

1049 GETS were required to define 11 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SYSPARAM/OBJ=OBJ$:SYSPARAM MASD$:[EMULAT.SRC]MISSING/UPDATE=(MASD$:[EMULAT.ENH]MISSING)+MASD$:[SYS.SRC]SYSPARAM/UPDAT
```

0386 AH-BT13A-SE
VAX/VMS V4.0

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SYSPARAM
LIS

SYSLOGNAM
LIS

SYSMTACC
LIS

SYSIMGSTA
LIS

SYSLNM
LIS

SYSLOAVEC
LIS

SYSLKWSET
LIS

SYSMAILBX
LIS

0387 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
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SYSPURGWS
LIS

SYSPUTMSG
LIS

SYSPCNTRL
LIS

SYSQIOFDT
LIS

SYSQIOREQ
LIS

SYSRUNDWN
LIS

SYSRDBRES
LIS

SYSRTSLST
LIS