

DDDDDDDDDDDD		CCCCCCCCCCCC	LLL
DDDDDDDDDDDD		CCCCCCCCCCCC	LLL
DDDDDDDDDDDD		CCCCCCCCCCCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDD	DDD	CCC	LLL
DDDDDDDDDDDD		CCCCCCCCCCCC	LLLLLLLLLLLLLLLL
DDDDDDDDDDDD		CCCCCCCCCCCC	LLLLLLLLLLLLLLLL
DDDDDDDDDDDD		CCCCCCCCCCCC	LLLLLLLLLLLLLLLL

```
CCCCCCCC LL      IIIIII  GGGGGGGG  BBBB8888  LL
CCCCCCCC LL      IIIIII  GGGGGGGG  BBBB8888  LL
CC        LL      II      GG         BB      BB  LL
CC        LL      II      GG         BB      BB  LL
CC        LL      II      GG         BB      BB  LL
CC        LL      II      GG         BB      BB  LL
CC        LL      II      GG         BBB88888  LL
CC        LL      II      GG         BBB88888  LL
CC        LL      II      GG      GGGGGG  BB      BB  LL
CC        LL      II      GG      GGGGGG  BB      BB  LL
CC        LL      II      GG         GG      BB      BB  LL
CC        LL      II      GG         GG      BB      BB  LL
CCCCCCCC LLLLLLLLLL IIIIII  GGGGGG  BBBB8888  LLLLLLLLLL  ....
CCCCCCCC LLLLLLLLLL IIIIII  GGGGGG  BBBB8888  LLLLLLLLLL  ....
```

```
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
```

```

0000 1      .TITLE CLISGLOBALS - DEFINE CLI GLOBAL SYMBOLS
0000 2      .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 :++
0000 30 : FACILITY:      CLI
0000 31 :
0000 32 : ABSTRACT:      CLI symbols which are defined globally in STARLET.OLB.
0000 33 :
0000 34 : AUTHOR:        Tim Halvorsen, March 1981
0000 35 :
0000 36 : MODIFIED BY:
0000 37 :
0000 38 :      V03-001 PCG0001      Peter George      17-Feb-1983
0000 39 :      Remove reference to $CLIDEFQUALEXAM
0000 40 :--
0000 41 :
0000 42 : $CLIDEF      GLOBAL      ; CLI callback request definitions
0000 43 : $CLIVERBDEF GLOBAL      ; CLI generic verb type codes
0000 44 : $CLIMSGDEF  GLOBAL      ; CLI message definitions
0000 45 :
0000 46 : .END

```

CLISGLOBALS
Symbol table

- DEFINE CLI GLOBAL SYMBOLS

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4-SEP-1984 23:39:24 [DCL.SRC]CLIGBL.MAR;1

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CLISA_ABSACT	=	00000014	G	CLISK_OUTPUT2	=	00000021	G
CLISA_ERRACT	=	00000004	G	CLISK_OUTPUT3	=	00000022	G
CLISA_FLSACT	=	00000010	G	CLISK_OUTPUT4	=	00000023	G
CLISA_IMGFILED	=	00000010	G	CLISK_OUTSPEC	=	00000002	G
CLISA_IMGHDADR	=	0000000C	G	CLISK_PARDONE	=	00000003	G
CLISA_PROGXFER	=	00000004	G	CLISK_PRESENT	=	00000050	G
CLISA_PRSACT	=	00000010	G	CLISK_QDBITS	=	00000014	G
CLISA_QDVALADR	=	00000008	G	CLISK_QUALDEF	=	00000014	G
CLISA_QUALST	=	00000018	G	CLISK_REQDESC	=	0000001C	G
CLISA_RQADDR	=	0000000C	G	CLISK_SPAWN VERSION	=	00000001	G
CLISA_TRUACT	=	0000000C	G	CLISK_SRVDESC	=	00000054	G
CLISA_UTILSERV	=	00000008	G	CLISK_UTILOPR	=	00000000	G
CLISB_BITNUM	=	00000001	G	CLISK_VALCONV	=	00000004	G
CLISB_EFN	=	00000038	G	CLISK_VERB_ALLO	=	00000001	G
CLISB_FLAGS	=	00000004	G	CLISK_VERB_ANAL	=	00000002	G
CLISB_QDBLKSIZ	=	00000000	G	CLISK_VERB_APPE	=	0000002F	G
CLISB_QDCODE	=	00000001	G	CLISK_VERB_ASSI	=	00000003	G
CLISB_QDFLGS	=	00000002	G	CLISK_VERB_BASI	=	00000004	G
CLISB_QDSTAT	=	00000003	G	CLISK_VERB_BLIS	=	00000005	G
CLISB_RQFLGS	=	00000002	G	CLISK_VERB_CANC	=	00000033	G
CLISB_RQINDX	=	00000001	G	CLISK_VERB_COBO	=	00000006	G
CLISB_RQSTAT	=	00000003	G	CLISK_VERB_CONT	=	00000007	G
CLISB_RQTYPE	=	00000000	G	CLISK_VERB_COPY	=	00000008	G
CLISB_VERSION	=	00000039	G	CLISK_VERB_CORA	=	00000038	G
CLISC_QDBITS	=	00000014	G	CLISK_VERB_CREA	=	00000009	G
CLISC_QUALDEF	=	00000014	G	CLISK_VERB_DATA	=	0000000A	G
CLISC_REQDESC	=	0000001C	G	CLISK_VERB_DEAL	=	0000000B	G
CLISC_SPAWN VERSION	=	00000001	G	CLISK_VERB_DEAS	=	0000000C	G
CLISC_SRVDESC	=	00000054	G	CLISK_VERB_DEBU	=	0000000D	G
CLISC_WORKAREA	=	00000080	G	CLISK_VERB_DEFI	=	0000000E	G
CLISK_ASCIIVAL	=	00000041	G	CLISK_VERB_DELE	=	0000000F	G
CLISK_CLINT	=	00000005	G	CLISK_VERB_DEPO	=	00000010	G
CLISK_CLISERV	=	00000005	G	CLISK_VERB_DIFF	=	00000011	G
CLISK_DCLPARSE	=	00000053	G	CLISK_VERB_DIRE	=	00000012	G
CLISK_DISPATCH	=	00000054	G	CLISK_VERB_DISM	=	00000013	G
CLISK_ENDPARSE	=	00000052	G	CLISK_VERB_DUMP	=	00000030	G
CLISK_ENDPRM1	=	00000030	G	CLISK_VERB_EDIT	=	00000014	G
CLISK_ENDPRM2	=	00000031	G	CLISK_VERB_EOD	=	00000015	G
CLISK_ENDPRM3	=	00000032	G	CLISK_VERB_EXAM	=	00000016	G
CLISK_ENDPRM4	=	00000033	G	CLISK_VERB_EXIT	=	00000017	G
CLISK_FILSPEC	=	00000044	G	CLISK_VERB_FORE	=	000000FF	G
CLISK_GETCMD	=	00000001	G	CLISK_VERB_FORT	=	00000018	G
CLISK_GETLINE	=	00000004	G	CLISK_VERB_GOTO	=	00000019	G
CLISK_GETOPT	=	00000003	G	CLISK_VERB_HELP	=	0000001A	G
CLISK_GETQUAL	=	00000002	G	CLISK_VERB_IF	=	00C0001B	G
CLISK_GETVALUE	=	00000051	G	CLISK_VERB_INIT	=	0000001C	G
CLISK_INITPRS	=	00000000	G	CLISK_VERB_INQU	=	0000001D	G
CLISK_INPSPEC	=	00000001	G	CLISK_VERB_LIBR	=	00000034	G
CLISK_INPUT1	=	00000010	G	CLISK_VERB_LINK	=	0000001E	G
CLISK_INPUT2	=	00000011	G	CLISK_VERB_LOGO	=	0000001F	G
CLISK_INPUT3	=	00000012	G	CLISK_VERB_MACR	=	00000020	G
CLISK_INPUT4	=	00000013	G	CLISK_VERB_MCR	=	00000021	G
CLISK_KEYVAL	=	00000043	G	CLISK_VERB_MESS	=	0000003B	G
CLISK_KEYWORD	=	00000042	G	CLISK_VERB_MOUN	=	0000002B	G
CLISK_NEXTQUAL	=	00000055	G	CLISK_VERB_ON	=	00000022	G
CLISK_NUMERVAL	=	00000040	G	CLISK_VERB_PASC	=	00000039	G
CLISK_OUTPUT1	=	00000020	G	CLISK_VERB_PATC	=	0000002C	G

CLISGLOBALS
Symbol table

- DEFINE CLI GLOBAL SYMBOLS

B 5

15-SEP-1984 23:38:46 VAX/VMS Macro V04-00
4-SEP-1984 23:39:24 [DCL.SRC]CLIGBL.MAR;1

CLISK_VERB_PLI = 0000003A G
CLISK_VERB_PRIN = 00000023 G
CLISK_VERB_PURG = 00000031 G
CLISK_VERB_RENA = 00000032 G
CLISK_VERB_REPL = 0000002D G
CLISK_VERB_REQU = 00000036 G
CLISK_VERB_RUN = 00000024 G
CLISK_VERB_SET = 00000025 G
CLISK_VERB_SHOW = 00000026 G
CLISK_VERB_SORT = 00000035 G
CLISK_VERB_STAR = 00000027 G
CLISK_VERB_STOP = 00000028 G
CLISK_VERB_SUBM = 00000029 G
CLISK_VERB_SYNC = 00000037 G
CLISK_VERB_TYPE = 0000002A G
CLISK_VERB_UNLO = 0000002E G
CLISK_WORKAREA = 00000080 G
CLISL_ARGLIST = 0000001C G
CLISL_ASTADR = 00000030 G
CLISL_ASTPRM = 00000034 G
CLISL_ATTR = 00000020 G
CLISL_CLIFLAG = 00000018 G
CLISL_INIARGCNT = 00000000 G
CLISL_ITMLST = 0000001C G
CLISL_LINKFLAG = 00000014 G
CLISL_LSTSTATUS = 0000000C G
CLISL_NEW_MASK = 00000004 G
CLISL_OLD_MASK = 00000008 G
CLISL_OUTPID = 00000008 G
CLISL_PID = 00000004 G
CLISL_RQVALU = 0000000C G
CLISL_USRVAL = 00000014 G
CLISL_WORKAREA = 00000000 G
CLISM_ABSADR = 00000002 G
CLISM_ALLOCCUR = 00000001 G
CLISM_BATCH = 00000008 G
CLISM_CONCATINP = 00000002 G
CLISM_DBGEXCP = 00010000 G
CLISM_DBGTRU = 00000002 G
CLISM_DEBUG = 00000001 G
CLISM_DUMMY = 00000002 G
CLISM_EXPNAM = 00000004 G
CLISM_INDIRECT = 00000010 G
CLISM_KEYVALU = 00000002 G
CLISM_LASTVAL = 00000001 G
CLISM_MOREINP = 00000004 G
CLISM_MOREVALS = 00000001 G
CLISM_NOCLISYM = 00000002 G
CLISM_NOCONTROL = 00000020 G
CLISM_NOKEYPAD = 00000008 G
CLISM_NOLOGNAM = 00000004 G
CLISM_NOTIFY = 00000010 G
CLISM_NOWAIT = 00000001 G
CLISM_PARMDEF = 00000008 G
CLISM_PARMPRS = 00000001 G
CLISM_PARMREQ = 00000001 G
CLISM_QDEXPA = 00000004 G

CLISM_QDUSRV = 00000002 G
CLISM_QUALEXP = 00000002 G
CLISM_QUALTRU = 00000001 G
CLISM_TRMVRBLV = 00000300 G
CLISM_VERIFY = 00000004 G
CLISM_VFYINP = 00000020 G
CLISQ_CLI = 00000044 G
CLISQ_CMDSTR = 00000010 G
CLISQ_INPUT = 00000018 G
CLISQ_NAMDESC = 00000004 G
CLISQ_OUTPUT = 00000020 G
CLISQ_PRCNAM = 00000028 G
CLISQ_PROMPT = 0000003C G
CLISQ_QDVALDESC = 00000004 G
CLISQ_RQDESC = 00000008 G
CLISQ_TABDESC = 00000014 G
CLISQ_TABLE = 0000004C G
CLISQ_VALDESC = 0000000C G
CLISS_CLI = 00000008 G
CLISS_CLIDF = 00000020 G
CLISS_CLIDF1 = 0000001C G
CLISS_CLIDF2 = 00000024 G
CLISS_CLIDF3 = 0000000C G
CLISS_CLIDF4 = 00000008 G
CLISS_CLIDF5 = 00000054 G
CLISS_CLIDF6 = 00000018 G
CLISS_CLIDF7 = 00000080 G
CLISS_CMDSTR = 00000008 G
CLISS_INPUT = 00000008 G
CLISS_NAMDESC = 00000008 G
CLISS_OUTPUT = 00000008 G
CLISS_PRCNAM = 00000008 G
CLISS_PRITYP = 00000004 G
CLISS_PROMPT = 00000008 G
CLISS_QDVALDESC = 00000008 G
CLISS_RQDESC = 00000008 G
CLISS_SUBTYP = 00000004 G
CLISS_TABDESC = 00000008 G
CLISS_TABLE = 00000008 G
CLISS_TRMVRBLV = 00000002 G
CLISS_VALDESC = 00000008 G
CLISS_WORKAREA = 00000080 G
CLISV_ABSADR = 00000001 G
CLISV_ALLOCCUR = 00000000 G
CLISV_BATCH = 00000003 G
CLISV_CONCATINP = 00000001 G
CLISV_DBGEXCP = 00000010 G
CLISV_DBGTRU = 00000001 G
CLISV_DEBUG = 00000000 G
CLISV_DUMMY = 00000001 G
CLISV_EXPNAM = 00000002 G
CLISV_INDIRECT = 00000004 G
CLISV_KEYVALU = 00000001 G
CLISV_LASTVAL = 00000000 G
CLISV_MOREINP = 00000002 G
CLISV_MOREVALS = 00000000 G
CLISV_NOCLISYM = 00000001 G

CLISGLOBALS
Symbol table

- DEFINE CLI GLOBAL SYMBOLS

C 5

15-SEP-1984 23:38:46 VAX/VMS Macro V04-00
4-SEP-1984 23:39:24 [DCL.SRC]CLIGBL.MAR;1

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CLISV_NOCONTROL = 00000005 G
CLISV_NOKEYPAD = 00000003 G
CLISV_NOLOGNAM = 00000002 G
CLISV_NOTIFY = 00000004 G
CLISV_NOWAIT = 00000000 G
CLISV_PARMDEF = 00000003 G
CLISV_PARMPRS = 00000000 G
CLISV_PARMREQ = 00000000 G
CLISV_PRITYP = 00000004 G
CLISV_QDEXPA = 00000002 G
CLISV_QDUSRV = 00000001 G
CLISV_QUALEXP = 00000001 G
CLISV_QUALTRU = 00000000 G
CLISV_SUBTYP = 00000000 G
CLISV_TRMVRRLV = 00000008 G
CLISV_VERIFY = 00000002 G
CLISV_VFYINP = 00000005 G
CLISW_QDVALSIZ = 00000004 G
CLISW_RQSIZE = 00000008 G
CLISW_SERVCOD = 00000001 G
CLIS_ABFNAM = 000381B8 G
CLIS_ABKEYW = 00038010 G
CLIS_ABSENT = 000381F0 G
CLIS_ABSYMD = 000381A0 G
CLIS_ABVERB = 00038008 G
CLIS_ALLOC = 0003DDDE3 G
CLIS_ARGREQ = 00038268 G
CLIS_ASTDCL = 00038220 G
CLIS_ATTACHED = 0003FD09 G
CLIS_BADBLK = 000381D8 G
CLIS_BADCTLMSK = 000388CA G
CLIS_BADRET = 00038198 G
CLIS_BADSTRLVL = 000388BA G
CLIS_BADTEXT = 000381B0 G
CLIS_BLKOVRFLOW = 000381C8 G
CLIS_BLKUNDFLOW = 000381D0 G
CLIS_BUFOVF = 00038018 G
CLIS_CMDFILERR = 000382A8 G
CLIS_CMDGONE = 00038902 G
CLIS_CMDNOTFND = 00038238 G
CLIS_CMDSEG = 00038248 G
CLIS_COMMA = 0003FD39 G
CLIS_COMPLX = 00038020 G
CLIS_CONCAT = 0003FD29 G
CLIS_CONFLICT = 00038258 G
CLIS_CONFQUAL = 00038802 G
CLIS_CREQUEJOB = 0003884A G
CLIS_DEFAULTED = 0003FD21 G
CLIS_DEFKEY = 0003DDC3 G
CLIS_DEFOVF = 00038028 G
CLIS_DELKEY = 0003DDCB G
CLIS_DELSYM = 0003DE23 G
CLIS_DEVALSPL = 0003885A G
CLIS_DEVNOTFOR = 0003887A G
CLIS_DEVNOTSPL = 00038862 G
CLIS_DIRECT = 00038030 G
CLIS_ENTNF = 00038932 G

CLIS_EXPSYN = 00038038 G
CLIS_FACILITY = 00000003 G
CLIS_FILOPN = 00038190 G
CLIS_IGNQUAL = 0003DE03 G
CLIS_ILLVAL = 0003883A G
CLIS_IMAGEFNF = 000388B2 G
CLIS_IMCHNG = 00038040 G
CLIS_IMGFNF = 00038872 G
CLIS_IMGNAME = 000388AA G
CLIS_INSFPRM = 00038048 G
CLIS_INSPRIV = 0003DDF3 G
CLIS_INVFILSPE = 00038200 G
CLIS_INVKEY = 00038178 G
CLIS_INVLOGFIL = 00038208 G
CLIS_INVQUAL = 0003880A G
CLIS_INVQUALNUM = 0003881A G
CLIS_INVRANGE = 00038228 G
CLIS_INVREQTYP = 00038822 G
CLIS_INVRFM = 000388D2 G
CLIS_INVROUT = 00038912 G
CLIS_INVRSP = 00038180 G
CLIS_INVTAB = 00038922 G
CLIS_INVUIC = 000381A8 G
CLIS_IVATIME = 00038290 G
CLIS_IVCHAR = 00038050 G
CLIS_IVDEVTYPE = 0003886A G
CLIS_IVDTYPE = 00038298 G
CLIS_IVFNAM = 000381C0 G
CLIS_IVKEYNAM = 00038280 G
CLIS_IVKEYW = 00038060 G
CLIS_IVOPROT = 00038068 G
CLIS_IVPROT = 00038070 G
CLIS_IVQLOC = 00038078 G
CLIS_IVQUAL = 00038240 G
CLIS_IVSYMB = 00038080 G
CLIS_IVVALU = 00038088 G
CLIS_IVVERB = 00038090 G
CLIS_KEYCNV = 0003DE33 G
CLIS_LOCNEG = 00038230 G
CLIS_LOCPRES = 0003FD31 G
CLIS_MAXPARM = 00038098 G
CLIS_NEGATED = 000381F8 G
CLIS_NOATFIL = 000380A0 G
CLIS_NOCCAT = 000380A8 G
CLIS_NOCHANGE = 000381E8 G
CLIS_NOCLINT = 000388DA G
CLIS_NOCMDPROC = 0003890A G
CLIS_NOCOMD = 000380B0 G
CLIS_NODIRCHG = 0003DDFB G
CLIS_NOKEYW = 000380B8 G
CLIS_NOLBLS = 000381E0 G
CLIS_NOLIST = 000380C0 G
CLIS_NOOPTPRS = 00038842 G
CLIS_NOPAREN = 00038288 G
CLIS_NOQUAL = 000380C8 G
CLIS_NORMAL = 00030001 G
CLIS_NOSPAWN = 000388E2 G

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 (0.)	01 (1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	17	00:00:00.08	00:00:01.20
Command processing	100	00:00:00.70	00:00:06.30
Pass 1	160	00:00:04.02	00:00:14.96
Symbol table sort	0	00:00:00.56	00:00:02.16
Pass 2	34	00:00:00.67	00:00:04.56
Symbol table output	44	00:00:00.31	00:00:00.88
Psect synopsis output	2	00:00:00.03	00:00:00.07
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	357	00:00:06.37	00:00:30.13

The working set limit was 1050 pages.
19158 bytes (38 pages) of virtual memory were used to buffer the intermediate code.
There were 30 pages of symbol table space allocated to hold 401 non-local and 0 local symbols.
46 source lines were read in Pass 1, producing 27 object records in Pass 2.
10 pages of virtual memory were used to define 9 macros.

! Macro library statistics !

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]SYSBLDMLB.MLB;1	0
_\$255\$DUA28:[DCL.OBJ]DCL.MLB;1	1
_\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	6

473 GETS were required to define 6 macros.

There were no errors, warnings or information messages.

MACRO/DISABLE=TRACE/LIS=LISS:CLIGBL/OBJ=OBJ\$:CLIGBL MSRC\$:CLIGBL/UPDATE=(ENH\$:CLIGBL)+EXECML\$/LIB+LIB\$:DCL/LIB+SYSS\$LIBRARY:SYSBLDMLB

