







↑-----↑  
! Image Section Synopsis !  
↑-----↑

Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
OPCOM	0	11	00000200	2	1	READ ONLY				
	0	13	00001800	13	1	READ WRITE	COPY ON REF			
	0	44	00003200	26	1	READ ONLY				
DEFAULT_CLUSTER	0	1	00008A00	0	0	READ WRITE	DEMAND ZERO			
	0	3	00008C00	70	0	READ ONLY				
	0	1	00009200	73	0	READ WRITE	FIXUP VECTORS			
	253	20	7FFFD800	0	0	READ WRITE	DEMAND ZERO			

Key for special characters above:

↑-----↑  
! R - Rellocatable !  
! P - Protected !  
↑-----↑

Vertical column of characters on the right edge of the page, including 'Va', '00', and '7F'.



Psect Name	Module Name	Base	End	Length	Align	Attributes	
SSCB_TABLE		00003170	0000317F	00000010 (	16.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC	
	OPCSOPCOMDATA	00003170	0000317F	00000010 (	16.)	LONG 2	
SCODES		00003200	0000867B	0000547C (	21628.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC	
	OPCSOPCOMMAIN	00003200	00003405	00000206 (	518.)	LONG 2	
	OPCSCANCEL	00003408	00003613	0000020C (	524.)	LONG 2	
	OPCSOPCOMUTIL	00003614	00003B0D	000004FA (	1274.)	LONG 2	
	OPCSCLUMBX	00003B10	00003D38	00000229 (	553.)	LONG 2	
	OPCSCLUSMSG	00003D3C	00004341	00000606 (	1542.)	LONG 2	
	OPCSCLUSREPLY	00004344	00004488	00000145 (	325.)	LONG 2	
	OPCSCLUSUTIL	0000448C	000048A3	00000418 (	1048.)	LONG 2	
	OPCSOPCOMOLD	000048A4	00004C1A	00000377 (	887.)	LONG 2	
	OPCSALLOCATE	00004C1C	00004E6D	00000252 (	594.)	LONG 2	
	OPCSDEVICE	00004E70	000050E8	00000279 (	633.)	LONG 2	
	OPCSLOGEVENT	000050EC	000053C5	000002DA (	730.)	LONG 2	
	OPCS_TIMESTAMP	000053C8	0000562D	00000266 (	614.)	LONG 2	
	OPCSLOGFILE	00005630	00005768	00000139 (	313.)	LONG 2	
	OPCSOPERUTIL	0000576C	00005C90	00000525 (	1317.)	LONG 2	
	OPCSSHARE_VM	00005C94	00005CAF	0000001C (	28.)	LONG 2	
	OPCSOPCOMINIT	00005CB0	00005EC2	00000213 (	531.)	LONG 2	
	OPCSSHARE_INITOPERNAM		00005EC4	00005F44	00000081 (	129.)	LONG 2
	OPCSOPRENABLE		00005F48	0000642A	000004E3 (	1251.)	LONG 2
	OPCSREPLYBRD		0000642C	00006C4A	0000081F (	2079.)	LONG 2
	OPCSOPCOMRPLY		00006C4C	00006F80	00000335 (	821.)	LONG 2
	OPCSOPCOMRQST		00006F84	000072D4	00000351 (	849.)	LONG 2
	OPCSSECURITY		000072D8	00008120	00000E49 (	3657.)	LONG 2
	OPCSSHARE_FAOBUF		00008124	00008149	00000026 (	38.)	LONG 2
	OPCSSHARE_DEVNAME		0000814C	0000818F	00000044 (	68.)	LONG 2
	OPCSSHUTDOWN		00008190	0000821F	00000090 (	144.)	LONG 2
	OPCSSSTATUS		00008220	0000830E	000000EF (	239.)	LONG 2
OPCSUNKNOWN		00008310	00008322	00000013 (	19.)	LONG 2	
OPCSCLUSCOMM		00008324	0000867B	00000358 (	856.)	LONG 2	
_SHUTDOWN_		00008800	0000881F	00000020 (	32.)	PAGE 9 NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC	
	OPCSSHUTDOWNL	00008800	0000881F	00000020 (	32.)	PAGE 9	
_LIB\$DATA		00008A00	00008A43	00000044 (	68.)	LONG 2 PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC	
	LIB\$VM	00008A00	00008A3F	00000040 (	64.)	LONG 2	
	LIB\$PUT_OUTPUT	00008A40	00008A41	00000002 (	2.)	LONG 2	
	LIB\$ANALYZE_SDESC	00008A44	00008A44	00000000 (	0.)	LONG 2	
_LIB\$CODE		00008C00	000090A8	000004A9 (	1193.)	LONG 2 PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC	
	LIB\$VM	00008C00	00008E63	00000264 (	612.)	LONG 2	
	LIB\$PUT_OUTPUT	00008E64	00008F67	00000104 (	260.)	LONG 2	
	LIB\$SIGNAL	00008F68	00009043	000000DC (	220.)	LONG 2	
	LIB\$ANALYZE_SDESC	00009044	000090A8	00000065 (	101.)	LONG 2	

Vir  
Sta  
Ima  
Ima  
Num  
Num  
Num  
Num  
Use  
Ima  
Map  
Est

Per  
---

Tot  
Usi  
Tot  
Num

55  
A t  
LIN  
T/O  
CLU

-----  
! Symbol Cross Reference !  
-----

Symbol	Value	Defined By	Referenced By ...
ALLOCATE_DS	00004C1C-R	OPC\$ALLOCATE	OPC\$ALLOCATE OPC\$CLUSMSG OPC\$DEVICE OPC\$OPREENABLE OPC\$CANCEL OPC\$OPCOMDATA OPC\$OPCOMRQST OPC\$OPREENABLE
ASCID_INVALIDRQCB	00000544-R	OPC\$OPCOMDATA	OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPCOMRPLY OPC\$OPERUTIL
BOD_ALLOCATED	00001C30-R	OPC\$REPLYBRD	
BOD_BUSY_COUNT	00001C34-R	OPC\$REPLYBRD	
BOD_BUSY_MAX	00001C38-R	OPC\$REPLYBRD	
BOD_BUSY_QUEUE	00001C40-R	OPC\$REPLYBRD	
BOD_FREE_QUEUE	00001C48-R	OPC\$REPLYBRD	
BOD_GARBAGE_QUEUE	00001C58-R	OPC\$REPLYBRD	
BOD_REQUESTS	00001C3C-R	OPC\$REPLYBRD	
BOD_WAIT_QUEUE	00001C50-R	OPC\$REPLYBRD	
BUGS_OPERCRASH	000006D8	SYS	OPC\$SHUTDOWNL
BYPASS_PRIV	00001AF4-R	OPC\$OPCOMDATA	OPC\$OPCOMUTIL OPC\$TIMESTAMP
CANCELED_RQST_Q	00001AC0-R	OPC\$OPCOMDATA	OPC\$CLUSMSG
CANCEL_CLM_HANDLER	00003547-R	OPC\$CANCEL	OPC\$OPCOMMAIN
CANCEL_HANDLER	00003408-R	OPC\$CANCEL	OPC\$OPCOMOLD OPC\$OPREENABLE
CHECK_OPER_COVERAGE	0000576C-R	OPC\$OPERUTIL	OPC\$OPERUTIL OPC\$LOGFILE
CHECK_REQUEST	00003614-R	OPC\$OPCOMUTIL	OPC\$OPCOMRQST OPC\$SECURITY
CLUMBX_HANDLER	00003B10-R	OPC\$CLUMBX	
CLUSCOMM_COD_ALLOCATE	00008324-R	OPC\$CLUSCOMM	
CLUSCOMM_COD_ERROR	000084B4-R	OPC\$CLUSCOMM	
CLUSCOMM_COD_ERROR_AST	000084F1-R	OPC\$CLUSCOMM	
CLUSCOMM_DECLARE_KERNEL_AST	0000839E-R	OPC\$CLUSCOMM	
CLUSCOMM_OUTPUT_KERNEL_AST	000083AE-R	OPC\$CLUSCOMM	
CLUSCOMM_SEND	00008565-R	OPC\$CLUSCOMM	OPC\$CLUSMSG WK-OPC\$REPLYBRD
CLUSCOMM_SEND_ONE	000085D2-R	OPC\$CLUSCOMM	
CLUSCOMM_TARGET_IN_QUEUE	00008657-R	OPC\$CLUSCOMM	
CLUSMSG_ACK_PLEASE	00003D3C-R	OPC\$CLUSMSG	OPC\$OPCOMINIT
CLUSMSG_CLM_ACK_HANDLER	00003D9E-R	OPC\$CLUSMSG	
CLUSMSG_CLM_ACK_PLEASE_HANDLER	00003DD2-R	OPC\$CLUSMSG	
CLUSMSG_CLM_NOTIFY_HANDLER	00003E4A-R	OPC\$CLUSMSG	
CLUSMSG_CONV_CLM_RQCB	00003EC8-R	OPC\$CLUSMSG	OPC\$CANCEL OPC\$OPCOMRQST OPC\$OPREENABLE OPC\$OPCOMMAIN
CLUSMSG_HANDLER	00004066-R	OPC\$CLUSMSG	OPC\$OPCOMRPLY OPC\$OPERUTIL
CLUSMSG_RQCB_SEND	000041A3-R	OPC\$CLUSMSG	OPC\$CANCEL OPC\$OPCOMMAIN OPC\$CLUSUTIL OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY

Symbol	Value	Defined By	Referenced By ...
CLUSMSG_STATE_SEND	00004279-R	OPC\$CLUSMSG	OPC\$TIMESTAMP
CLUSREPLY_RPYBRD_HANDLER	00004344-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSREPLY_RPYBRD_LOCAL_HANDLER	00004387-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSREPLY_RPYNOT_HANDLER	00004438-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSUTIL_CONFIGURE	00004485-R	OPC\$CLUSUTIL	OPC\$CLUMBX OPC\$OPCOMINIT OPC\$CLUSCOMM
CLUSUTIL_FIND_MOD_BY_CSID	0000458B-R	OPC\$CLUSUTIL	OPC\$CLUSMSG
CLUSUTIL_FIND_MOD_BY_NAME	000045DF-R	OPC\$CLUSUTIL	
CLUSUTIL_FIND_MOD_BY_SYSTEMID	0000460C-R	OPC\$CLUSUTIL	
CLUSUTIL_INCR_SEQUENCE	00004637-R	OPC\$CLUSUTIL	OPC\$OPCOMRQST
CLUSUTIL_INIT	00004657-R	OPC\$CLUSUTIL	OPC\$OPCOMINIT
CLUSUTIL_NEXT_SEQUENCE	000046E3-R	OPC\$CLUSUTIL	OPC\$ALLOCATE
CLUSUTIL_NODE_ACTIVATE	000046F4-R	OPC\$CLUSUTIL	OPC\$CLUSMSG
CLUSUTIL_NODE_INACTIVATE	00004718-R	OPC\$CLUSUTIL	
CLUSUTIL_NODE_MESSAGE	000047CD-R	OPC\$CLUSUTIL	OPC\$CLUSCOMM OPC\$OPCOMINIT
CLUSUTIL_NODE_START	0000485D-R	OPC\$CLUSUTIL	
CLUSUTIL_SYSTEMID_EQUAL	00004891-R	OPC\$CLUSUTIL	OPC\$OPCOMUTIL OPC\$TIMESTAMP
CNCL_HANDLER	000048A4-R	OPC\$OPCOMOLD	OPC\$TIMESTAMP
COD_ALLOCATED	00001C6C-R	OPC\$CLUSCOMM	
COD_BUSY_COUNT	00001C70-R	OPC\$CLUSCOMM	
COD_BUSY_MAX	00001C74-R	OPC\$CLUSCOMM	OPC\$SHUTDOWN
COD_BUSY_MODE	00001C78-R	OPC\$CLUSCOMM	OPC\$SHUTDOWN
COD_BUSY_QUEUE	00001C8C-R	OPC\$CLUSCOMM	
COD_ERRORS	00001C7C-R	OPC\$CLUSCOMM	
COD_FLUSHED	00001C80-R	OPC\$CLUSCOMM	
COD_FREE_QUEUE	00001C94-R	OPC\$CLUSCOMM	
COD_GARBAGE_QUEUE	00001CA4-R	OPC\$CLUSCOMM	
COD_QUEUED	00001C88-R	OPC\$CLUSCOMM	
COD_REQUESTS	00001C84-R	OPC\$CLUSCOMM	
COD_WAIT_QUEUE	00001C9C-R	OPC\$CLUSCOMM	
CREATE_OCD	00004CC3-R	OPC\$ALLOCATE	OPC\$OPRENABLE
DEALLOCATE_DS	00004D44-R	OPC\$ALLOCATE	OPC\$ALLOCATE OPC\$OPCOMUTIL OPC\$OPRENABLE
DEALLOCATE_MCB	00004D92-R	OPC\$ALLOCATE	
DEALLOCATE_OCD	00004DCD-R	OPC\$ALLOCATE	
DEALLOCATE_RQCB	00004E17-R	OPC\$ALLOCATE	OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY OPC\$TIMESTAMP OPC\$OPCOMOLD
DEVICE_FAO	00001AE0-R	OPC\$OPCOMDATA	OPC\$OPERUTIL
DEVICE_HANDLER	00004E70-R	OPC\$DEVICE	
DISABLED_OPER_Q	00001AB8-R	OPC\$OPCOMDATA	OPC\$TIMESTAMP
DUMP_LOG_FILE	000050EC-R	OPC\$LOGEVENT	OPC\$CANCEL OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$OPCOMMAIN

Mod

---

OPC

OPC

OPC

OPC

OPC

OPC

OPC

OPC

CLI

CLI

LIB

LIB

LIB

LIB

LIB

LIB

OTS

OTS

STR

STR

STR

STR

SYS

LIB



Symbol	Value	Defined By	Referenced By ...
EXESALLOC_CSD	8000388E	SYS	OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$SHUTDOWN OPC\$CLUSCOMM OPC\$CLUSCOMM OPC\$CLUSCOMM OPC\$OPCOMINIT OPC\$OPRENABLE
EXESCSP_CALL	800038A0	SYS	
EXESDEALLOC_CSD	80003894	SYS	
EXESSETOPR	8001594D	SYS	
FIND_OCD	0000368A-R	OPC\$OPCOMUTIL	OPC\$OPERUTIL OPC\$OPRENABLE
FIND_OPERATOR	000057CD-R	OPC\$OPERUTIL	OPC\$OPCOMRQST OPC\$SECURITY OPC\$LOGFILE OPC\$OPRENABLE
FINISHED	00001800-R	OPC\$OPCOMMAIN	
FORMAT_ALARM	0000747D-R	OPC\$SECURITY	
FORMAT_MESSAGE	0000371C-R	OPC\$OPCOMUTIL	OPC\$CLUMBX OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY OPC\$TIMESTAMP OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$LOGEVENT OPC\$OPCOMINIT OPC\$OPCOMOLD OPC\$OPCOMUTIL OPC\$OPRENABLE
GLOBAL_STATUS	00001B28-R	OPC\$OPCOMDATA	OPC\$CANCEL OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$STATUS OPC\$ALLOCATE OPC\$CLUSMSG OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMMAIN OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPERUTIL OPC\$CLUSMSG OPC\$CLUSMSG OPC\$OPRENABLE OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPERUTIL OPC\$SHUTDOWN OPC\$ALLOCATE OPC\$CLUSUTIL OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$CLUSREPLY OPC\$OPCOMINIT OPC\$OPCOMOLD OPC\$OPCOMUTIL OPC\$OPRENABLE
IMPLICITLY_CANCELED	0000557D-R	OPC\$TIMESTAMP	
IMPLICIT_DISABLE	0000584D-R	OPC\$OPERUTIL	OPC\$STATUS
IMPLIED_CANCEL	000055F0-R	OPC\$TIMESTAMP	
IMPLIED_DISABLE	00005628-R	OPC\$TIMESTAMP	
INTERPRET_MASK	000038AC-R	OPC\$OPCOMUTIL	
LCL_CSID	00001B10-R	OPC\$OPCOMDATA	OPC\$STATUS OPC\$CLUSCOMM OPC\$CLUSUTIL OPC\$OPCOMUTIL WK-OPC\$REPLYBRD
LCL_NOD	00001B14-R	OPC\$OPCOMDATA	OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$OPCOMINIT OPC\$SECURITY
LCL_NODENAME	00001AFC-R	OPC\$OPCOMDATA	
LIB\$GL_FREVM_C	00008A38-R	LIB\$VM	
LIB\$GL_GETVM_C	00008A54-R	LIB\$VM	
LIB\$GL_VMINUSE	00008A3C-R	LIB\$VM	
LIB\$ANALYZE_SDESC	00009044-R	LIB\$ANALYZE_SDESC	
LIB\$ANALYZE_SDESC_R2	00009059-R	LIB\$ANALYZE_SDESC	
LIB\$FREE_VM	00008D8A-R	LIB\$VM	
LIB\$GET_VM	00008C00-R	LIB\$VM	
LIB\$PUT_OUTPUT	00008E70-R	LIB\$PUT_OUTPUT	LIB\$PUT_OUTPUT OPC\$SHARE_VM OPC\$SHARE_VM OPC\$REPLYBRD

Symbol	Value	Defined By	Referenced By ...
LIB\$SIGNAL	00008F6E-R	LIB\$SIGNAL	
LIB\$STOP	00008F68-R	LIB\$SIGNAL	OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMRPLY OPC\$OPCOMUTIL OPC\$SECURITY OPC\$TIMESTAMP
LIB\$_BADBLOADR	00158264	LIB\$MSGDEF	OPC\$CLUSCOMM
LIB\$_BADBLOSIZ	0015826C	LIB\$MSGDEF	OPC\$CLUSUTIL
LIB\$_FATERRLIB	0015820C	LIB\$MSGDEF	OPC\$OPCOMMAIN
LIB\$_INSVIRMEM	00158214	LIB\$MSGDEF	OPC\$OPCOMRQST
LIB\$_INVSTRDES	00158224	LIB\$MSGDEF	OPC\$REPLYBRD
LOGFILE_FAB	00001A04-R	OPC\$OPCOMDATA	OPC\$SHARE_INITOPERNAM
LOGFILE_HANDLER	00005630-R	OPC\$LOGFILE	
LOGFILE_MSG	0000189C-R	OPC\$OPCOMDATA	
LOGFILE_NAM	000019A4-R	OPC\$OPCOMDATA	
LOGFILE_OPEN	00001AF0-R	OPC\$OPCOMDATA	
LOGFILE_RAB	00001A54-R	OPC\$OPCOMDATA	OPC\$LOGFILE
LOGFILE_RES	000018A4-R	OPC\$OPCOMDATA	
LOGI_HANDLER	000048FA-R	OPC\$OPCOMOLD	
LOGTIME_COUNTER	00001B24-R	OPC\$OPCOMDATA	
LOG_MESSAGE	00005208-R	OPC\$LOGEVENT	OPC\$OPCOMINIT OPC\$OPCOMINIT OPC\$LOGFILE OPC\$OPCOMINIT OPC\$LOGEVENT OPC\$OPCOMINIT
LOG_MESSAGE_PUT	000052BA-R	OPC\$LOGEVENT	OPC\$OPCOMMAIN OPC\$TIMESTAMP
LOGS	00001C68-R	OPC\$SHUTDOWNL	OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY
MAX_DS_TYPE	00000004	OPC\$OPCOMDATA	OPC\$CLUMBX OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$TIMESTAMP
MAX_SCOPE	00000004	OPC\$OPCOMDATA	
MBX_FAO	00001AE8-R	OPC\$OPCOMDATA	OPC\$OPCOMINIT OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$OPRENABLE
MCB_K_TYPE	00000002	OPC\$OPCOMDATA	OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPCOMUTIL
MIN_DS_TYPE	00000001	OPC\$OPCOMDATA	OPC\$ALLOCATE OPC\$LOGEVENT
MIN_SCOPE	00000001	OPC\$OPCOMDATA	OPC\$ALLOCATE OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$TIMESTAMP
MSG1	00001804-R	OPC\$OPCOMDATA	
MSG2	00001854-R	OPC\$OPCOMDATA	

Symbol	Value	Defined By	Referenced By ...
NEXT_SEQUENCE NOD_READ	00001AD0-R 00001B18-R	OPC\$OPCOMDATA OPC\$OPCOMDATA	OPC\$CLUSUTIL OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$OPCOMINIT OPC\$TIMESTAMP OPC\$CLUSUTIL OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPRENABLE OPC\$TIMESTAMP OPC\$LOGFILE OPC\$OPERUTIL OPC\$STATUS OPC\$ALLOCATE OPC\$ALLOCATE OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMINIT OPC\$OPERUTIL OPC\$OPCOMINIT OPC\$ALLOCATE OPC\$CLUSREPLY OPC\$SHARE_VM OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMRPLY OPC\$OPCOMUTIL OPC\$REPLYBRD OPC\$SHARE_INITOPERNAM OPC\$OPCOMMAIN
NOD_K_TYPE NOTIFY_LISTED_OPERATORS	00000004 00005916-R	OPC\$OPCOMDATA OPC\$OPERUTIL	OPC\$CLUSMSG OPC\$CLUSUTIL OPC\$OPCOMRST OPC\$CLUMBX OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRST OPC\$SECURITY
NOTIFY_OPERATOR	000059AA-R	OPC\$OPERUTIL	OPC\$OPCOMRPLY OPC\$OPRENABLE
OCD_K_TYPE OCD_VECTOR	00000003 00001A98-R	OPC\$OPCOMDATA OPC\$OPCOMDATA	OPC\$OPCOMINIT OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMUTIL OPC\$TIMESTAMP
OPAO_ENABLE_MSG OPC\$FREE_VM	0000184C-R 00005CA2-R	OPC\$OPCOMDATA OPC\$SHARE_VM	OPC\$CLUSCOMM OPC\$REPLYBRD
OPC\$GET_VM	00005C94-R	OPC\$SHARE_VM	OPC\$CLUSCOMM OPC\$OPCOMINIT OPC\$OPCOMRST OPC\$OPERUTIL OPC\$SECURITY OPC\$SHARE_VM
OPCOM_INIT OPCOM_MAIN OPERUTIL_CLM_IMP_DISABLE OPER_IDENT_NUM OPER_MBX_CHAN OPER_MBX_NAME OPER_NAME OPRENABLE_CLM_HANDLER OPRENABLE_HANDLER	00005CB0-R 00003200-R 00005A75-R 00001AD6-R 00001AD4-R 00001AD8-R 00001B30-R 00006246-R 00005F48-R	OPC\$OPCOMINIT OPC\$OPCOMMAIN OPC\$OPERUTIL OPC\$OPCOMDATA OPC\$OPCOMDATA OPC\$OPCOMDATA OPC\$SHARE_INITOPERNAM OPC\$OPRENABLE OPC\$OPRENABLE	OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMMAIN
PURGE_LIMIT REPLYBRD_BRKTHRU_AST REPLYBRD_BRKTHRU_QUEUE REPLYBRD_FORMAT REPLYBRD_IO REPLYBRD_IO_LIST REPLYBRD_NOTIFY_ALL REPLYBRD_NOTIFY_DEV REPLYBRD_NOTIFY_IO REPLYBRD_NOTIFY_USE REPLYBRD_OK_TO_QUEUE_WRITE	00001B2C-R 0000642C-R 0000652E-R 000066AE-R 00006838-R 0000696B-R 0000699C-R 00006A41-R 00006AB1-R 00006B3A-R 00006BE2-R	OPC\$TIMESTAMP OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD	OPC\$CLUSREPLY OPC\$CLUSREPLY OPC\$OPERUTIL

Symbol	Value	Defined By	Referenced By ...	Sym
REPLYBRD STATUS	00001C60-R	OPC\$REPLYBRD		---
REPLY_CLM_HANDLER	00006E60-R	OPC\$OPCOMRPLY	OPC\$CLUSMSG	BOD
REPLY_HANDLER	00006C4C-R	OPC\$OPCOMRPLY	OPC\$OPCOMMAIN	BOD
REPLY_IMAGE	00001C64-R	OPC\$REPLYBRD		BOD
REQUEST_CLM_CHECK_HANDLER	00007227-R	OPC\$OPCOMRQST	OPC\$CLUSMSG	BOD
REQUEST_CLM_HANDLER	00007187-R	OPC\$OPCOMRQST	OPC\$CLUSMSG	BOD
REQUEST_HANDLER	00006F84-R	OPC\$OPCOMRQST	OPC\$OPCOMMAIN	BOD
REQUEST_NUMBER	00001ACC-R	OPC\$OPCOMRQST	OPC\$OPCOMRQST	BOD
RPLY_HANDLER	0000497F-R	OPC\$OPCOMOLD	OPC\$OPCOMMAIN	BOD
RQCB_K_TYPE	00000001	OPC\$OPCOMDATA	OPC\$ALLOCATE	BOD
			OPC\$CLUSMSG	BOD
			OPC\$DEVICE	CLI
			OPC\$OPRENABLE	CLI
RQST_HANDLER	00004A32-R	OPC\$OPCOMOLD	OPC\$OPCOMMAIN	CLI
SCB_TABLE	00003170-R	OPC\$OPCOMDATA	OPC\$ALLOCATE	CLI
SECURITY_HANDLER	000072D8-R	OPC\$SECURITY	OPC\$OPCOMMAIN	CLI
SECU_HANDLER	00004AA4-R	OPC\$OPCOMOLD	OPC\$OPCOMMAIN	CLI
SEND_REPLY	000039AF-R	OPC\$OPCOMUTIL	OPC\$CANCEL	CLI
			OPC\$OPCOMRQST	CLI
			OPC\$SECURITY	CLI
SEQ_SEED	00001B0C-R	OPC\$OPCOMDATA	OPC\$CLUSUTIL	CLI
SEQ_WIDTH	00001B08-R	OPC\$OPCOMDATA	OPC\$CLUSUTIL	CLI
SEQ_WIDTH_DEF	00001B04-R	OPC\$OPCOMDATA	OPC\$CLUSUTIL	CLI
SHARE_FAO_BUFFER	00008124-R	OPC\$SHARE_FAOBUF	OPC\$CLUSCOMM	CLI
			OPC\$OPCOMMAIN	CLI
SHARE_FULL_DEVNAME	0000814C-R	OPC\$SHARE_DEVNAME	OPC\$DEVICE	CLI
			OPC\$REPLYBRD	CLU
SHARE_INIT_OPER_NAME	00005EC4-R	OPC\$SHARE_INITOPERNAM	OPC\$OPCOMINIT	FOR
SHUTDOWN_CLM_HANDLER	000081F9-R	OPC\$SHUTDOWN	OPC\$CLUSMSG	LCL
SHUTDOWN_HANDLER	00008190-R	OPC\$SHUTDOWN	OPC\$OPCOMMAIN	LIB
SHUTDOWN_LOOP	00008800-R	OPC\$SHUTDOWNL	OPC\$SHUTDOWN	LIB
SS\$BADPARAM	00000014	SYS	OPC\$ALLOCATE	LIB
STATUS_HANDLER	00008220-R	OPC\$STATUS	OPC\$OPCOMMAIN	LIB
STS_HANDLER	00004B16-R	OPC\$OPCOMOLD	OPC\$OPCOMMAIN	LIB
SYI_SWPOUTPGCNT	00001B20-R	OPC\$OPCOMDATA	OPC\$OPCOMINIT	LIB
SYSSASCTIM	7FFEDE48	SYS	OPC\$REPLYBRD	LIB
SYSSASSIGN	7FFEDE50	SYS	OPC\$OPCOMINIT	LIB
			OPC\$OPERUTIL	LIB
SYSSBRKTHRU	7FFEE4C8	SYSSP1_VECTOR	OPC\$REPLYBRD	LIB
SYSSCLOSE	7FFEE1B8	SYS	OPC\$LOGFILE	LIB
SYSSCLREF	7FFEDE98	SYSSP1_VECTOR	OPC\$REPLYBRD	LIB
SYSSCMKRNL	7FFEDE90	SYS	OPC\$CLUSCOMM	LIB
			OPC\$OPERUTIL	LIB
			OPC\$SHUTDOWN	LIB
SYSSCONNECT	7FFEE1C0	SYS	LIB\$PUT_OUTPUT	LIB
SYSSCREATE	7FFEE1C8	SYS	LIB\$PUT_OUTPUT	LIB
SYSSDASSGN	7FFEDEE0	SYS	OPC\$OPCOMUTIL	LIB
SYSSDCLAST	7FFEDEE8	SYS	OPC\$CLUSCOMM	LIB
SYSSXPREG	7FFEDF48	SYSSP1_VECTOR	LIB\$VM	LIB
SYSSFAO	7FFEDF50	SYS	OPC\$CLUSMSG	LIB
			OPC\$OPCOMOLD	LIB
			OPC\$OPERUTIL	LIB
			OPC\$REPLYBRD	LIB













Value	Symbols...
7FFEE100	SYSS\$SETPRV
7FFEE118	SYSS\$SRCHANDLER
7FFEE188	SYSS\$PUT
7FFEE1A8	SYSS\$WAIT
7FFEE1B8	SYSS\$CLOSE
7FFEE1C0	SYSS\$CONNECT
7FFEE1C8	SYSS\$CREATE
7FFEE1F0	SYSS\$FLUSH
7FFEE3F8	SYSS\$GETSYI
7FFEE410	SYSS\$GETDVI
7FFEE418	SYSS\$GETDVIW
7FFEE430	SYSS\$GETSYIW
7FFEE4C8	SYSS\$BRKTHRU
800015D0	SYSS\$GL_OPRMBX
8000388E	EXE\$ALOC_CSD
80003894	EXE\$DEALLOC_CSD
800038A0	EXE\$CSP_CALL
8001594D	EXE\$SETOPR

Key for special characters above:

- \* - Undefined
- U - Universal
- R - Relocatable
- X - External

\_S2

Vir  
Sta  
Ima  
Ima  
Ima  
Num  
Num  
Num  
Num  
Num  
Num  
Use  
Ima  
Map  
Est

Per  
---

Tot  
Usi  
Tot  
Num  
58  
A 1  
LIN  
N/L

-----  
! Image Synopsis !  
-----

Virtual memory allocated: 00000200 000093FF 00009200 (37376. bytes, 73. pages)  
 Stack size: 20. pages  
 Image header virtual block limits: 1. ( 1. block)  
 Image binary virtual block limits: 2. ( 72. blocks)  
 Image name and identification: OPCOM V04-000  
 Number of files: 4.  
 Number of modules: 38.  
 Number of program sections: 14.  
 Number of global symbols: 226.  
 Number of cross references: 816.  
 Number of image sections: 7.  
 User transfer address: 00003200  
 Image type: EXECUTABLE.  
 Map format: FULL WITH CROSS REFERENCE in file \_\$255\$DUA28:[OPCOM.LIS]OPCOM.MAP;1  
 Estimated map length: 112. blocks

-----  
! Link Run Statistics !  
-----

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	120	00:00:00.39	00:00:01.58
Pass 1:	166	00:00:03.15	00:00:11.23
Allocation/Relocation:	47	00:00:00.27	00:00:00.80
Pass 2:	111	00:00:02.31	00:00:11.46
Map data after object module synopsis:	18	00:00:02.15	00:00:04.19
Symbol table output:	17	00:00:00.34	00:00:03.11
Total run values:	479	00:00:08.61	00:00:32.37

Using a working set limited to 1200 pages and 79 pages of data storage (excluding image)

Total number object records read (both passes): 2060  
of which 975 were in libraries and 243 were DEBUG data records containing 16725 bytes

Number of modules extracted explicitly = 1  
with 36 extracted to resolve undefined symbols

55 library searches were for symbols not in the library searched

A total of 15 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/NOSYSSHR/EXECUTABLE=EXES:OPCOM/MAP=MAPS:OPCOM/FULL/CROSS/SYMBOL=EXES:OPCOM EXSM:SYS.STB/SELECTIVE,SYSS\$INPU  
T/OPTIONS  
CLUSTER=OPCOM,,1,LIBS:OPCOM /INCLUDE=OPC\$OPCOMMAIN /LIBRARY

