


```

000000  PPPPPPP  CCCCCCCC  MM      MM      SSSSSSSS  GGGGGGGG
000000  PPPPPPP  CCCCCCCC  MM      MM      SSSSSSSS  GGGGGGGG
00      00  PP      PP  CC      MMMM  MMMM  SS      GG
00      00  PP      PP  CC      MMMM  MMMM  SS      GG
00      00  PP      PP  CC      MM  MM  MM  SS      GG
00      00  PP      PP  CC      MM  MM  MM  SS      GG
00      00  PPPPPPP  CC      MM      MM      SSSSSS  GG
00      00  PPPPPPP  CC      MM      MM      SSSSSS  GG
00      00  PP      CC      MM      MM      SS      GG  GGGGGG
00      00  PP      CC      MM      MM      SS      GG  GGGGGG
00      00  PP      CC      MM      MM      SS      GG      GG
00      00  PP      CC      MM      MM      SSSSSSSS  GGGGGG
000000  PP      CCCCCCCC  MM      MM      SSSSSSSS  GGGGGG
000000  PP      CCCCCCCC  MM      MM      SSSSSSSS  GGGGGG

```

```

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

```

```

1 | OPCMSG.MSG - system definition file for OPCOM
2 |
3 | Version: 'V04-000'
4 |
5 | *****
6 | *
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23 | * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
24 | *
25 | *
26 | *****
27 |
28 | ++
29 |
30 | FACILITY: VAX/VMS System Macro Libraries
31 |
32 | ABSTRACT:
33 |
34 | This file contains the source for OPCOM messages.
35 |
36 | ENVIRONMENT:
37 |
38 | n/a
39 |
40 | --
41 |
42 |
43 | AUTHOR: The VMS Group          CREATION DATE: 1-Aug-1976
44 |
45 | MODIFIED BY:
46 |
47 | V03-013 CWH3013          CW Hobbs          2-Sep-1984
48 | Restore the embedded <CR><LF> in RQST_PROMPT which was
49 | removed in ACG0449.
50 |
51 | V03-012 ACG0449          Andrew C. Goldstein, 31-Aug-1984 13:41
52 | Fix text of "counterfeit security alarm" message
53 |
54 | V03-011 CWH3011          CW Hobbs          18-May-1984
55 | Change the <CR> in OPREPLY to a !/ directive.
56 |

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57	:	V03-010	MHB0158	Mark Bramhall	7-May-1984
58	:			Fix up the security alarm message.	
59	:				
60	:	V03-009	CWH3169	CW Hobbs	5-May-1984
61	:			Second pass for cluster-wide OPCOM:	
62	:			- Change several messages to use the standard header, only	
63	:			a few still use the short header.	
64	:			- Change the format of the header slightly, make it more	
65	:			clear when messages come from other nodes.	
66	:			- Remove the UDA50MVER and TM78MVER messages and replace	
67	:			them with the single, generic CTRLUCODE message.	
68	:			- Add the CLU_NOQUORUM connection manager message - it	
69	:			was apparently never put in.	
70	:				
71	:	V03-008	CWH3008	CW Hobbs	12-Apr-1984
72	:			Change some of the connection manager messages	
73	:				
74	:	V03-007	RSH0114	R. Scott Hanna	12_Mar-1984
75	:			Change the OPCS_COUNTERFEIT message.	
76	:				
77	:	V03-006	RSH0110	R. Scott Hanna	28-Feb-1984
78	:			Change the FAO arguments in the OPCS_SECUR_ALARM message.	
79	:				
80	:	V03-005	CWH3005	CW Hobbs	27-Sep-1983
81	:			Improve connection manager messages.	
82	:				
83	:	V03-004	CWH3004	CW Hobbs	16-Sep-1983
84	:			Shorten HEADER	
85	:				
86	:	V03-003	CWH3003	CW Hobbs	16-Sep-1983
87	:			Add connection manager messages.	
88	:				
89	:	V03-002	CWH3001	CW Hobbs	30-Jul-1983
90	:			Various and sundry things to make OPCOM distributed	
91	:			across the cluster.	
92	:				
93	:	V03-001	RLRV3A1	Robert L. Rappaport	5-Apr-1982
94	:			Added MSGS_UDA50MVER and MSGS_DUPUNITNO.	
95	:				
96	:	V02-006	STJ0180	Steven T. Jeffreys,	07-Jan-1981
97	:			Added MVCOMPLETE and MVABORTED messages, and slightly	
98	:			change the test of the existing mount verification messages.	
99	:				
100	:	V02-005	STJ0079	Steven T. Jeffreys,	31-Jul-1981
101	:			Added BLANK message for the mag. tape ACP.	
102	:				
103	:	V02-004	STJ0063	Steven T. Jeffreys,	14-Jul-1981
104	:			Added an alternate CANCEL message.	
105	:			Added an INITIALIZE message for the mag. tape ACP.	
106	:			Added messages for mount verification support.	
107	:				
108	:	V02-003	STJ0042	Steven T. Jeffreys,	22-May-1981
109	:			Change format of RQSTCMLTE, RQSTABORT, and RQSTPEND	
110	:			to be enable existing code to parse the messages.	
111	:				
112	:	V02-002	STJ0028	Steven T. Jeffreys,	29-Mar-1981
113	:			Modify existing messages and add new ones as part of	

OPCMG

Message definitions

C 11
16-SEP-1984 02:31:05 VAX-11 Message V04-00
6-SEP-1984 11:29:59 DISK\$VMSMASTER:[VMSLIB.SRC]OPCMG.MSG;1

Page 3

114 !

the support for the new OPCOM.

```

115
116
117 | OPERATOR COMMUNICATIONS MESSAGES
118 |
119
0000005 120 .FACILITY OPCOM,5 /SYSTEM /PREFIX=OPCS_ /MACRO=$OPCMMSG
121 .SEVERITY SUCCESS
122 .BASE 0
123
00058001 124 TERMENAB <%Operator !AS has been enabled, username !AF> /FAO=3
00058009 125 LOGINIT <%Logfile has been initialized by operator !AS!/Logfile is !AS> /F
00058011 126 TERMSBL <%Operator !AS has been disabled, username !AF> /FAO=3
127
128 .SEVERITY FATAL
129
0005801C 130 RQSTABORT <!AS!/!%T, request !UL was aborted by operator !AS> /FAO=3
131
132 .SEVERITY SUCCESS
133
00058021 134 RQSTPEND <!AS!/!%T, request !UL is pending by operator !AS> /FAO=3
00058029 135 RQSTCPLTE <!AS!/!%T, request !UL was completed by operator !AS> /FAO=3
136
137 .SEVERITY FATAL
138
00058034 139 LOGFAIL <%Failed logfile operation on file !AS!/!AS> /FAO=2
0005803C 140 TERMFAIL <%Failed to enable terminal> /FAO=1
00058044 141 NOSUCHRQST <%No such request> /FAO=1
0005804C 142 DEVOFFLINE <%Device !AS is offline> /FAO=1
00058054 143 DEVONLINE <%Device !AS is online> /FAO=1
0005805C 144 NOCLI <no command interpreter>
145
146 .SEVERITY SUCCESS
147
00058061 148 NOOPERATOR <%No operator coverage> /FAO=1
149
150 .SEVERITY FATAL
151
0005806C 152 UNKNOPR <unknown operator>
00058074 153 DEVNOTERM <illegal source operator device>
0005807C 154 ILLRQST <%An illegal operator request was made> /FAO=1
00058084 155 RQSTCAN <%Request !UL was canceled> /FAO=2
156
157 .SEVERITY SUCCESS
158
00058089 159 OPRNOTIF <operator has been notified, waiting... !%T> /FAO=1
00058091 160 OPREPLY <!/!AD> /FAO=2
00058099 161 LOGTIME <%Logfile time stamp> /FAO=1
162
163 .SEVERITY FATAL
164
000580A4 165 LOGCLOS <%Logfile was closed by operator !AS!/Logfile was !AS> /FAO=3
166
167 .SEVERITY INFORMATIONAL
168
000580AB 169 USERQST <%Request !UL, from user !AF!AS!AF!/!AS> /FAO=6
000580B3 170 USERMSG <%Message from user !AF!AS!AF!/!AS> /FAO=6

```

000580BB	171	LOGSTS	<%Logfile status for file !AS!/%> /FA0=3
000580C3	172	OPERSTS	<%Operator status for operator !AS!/%> /FA0=4
000580CB	173	RQSTSTST	<%Request status for request !UL!/%> /FA0=3
000580D3	174	SHUTDOWN	<%OPCOM shutting down. Requested by operator !AS> /FA0=2
	175		
000580DB	176	SYSTEMOPER	<SYSTEM>
000580E3	177	GROUPOPER	<GROUP>
000580EB	178	USEROPER	<USER>
	179		
000580F3	180	NOTENABLED	<!8* *** disabled ***>
	181		
	182		The following messages give the ASCII text for the operator types. It is
	183		possible to change the message text to anything desired. For example, an
	184		installation might want to call OPER12 by another name, say FRONT_DESK.
	185		That installation would change the line with OPER12 to read:
	186		
	187		OPER12 <FRONT_DESK>
	188		
	189		Afterwards, users on that system could REPLY /ENABLE=FRONT_DESK, REQUEST /TO=FRONT
	190		a FRONT_DESK operator could do a REPLY /STAT and see that FRONT_DESK was enabled.
	191		Of course, a programmer on that system would use the symbol OPC\$ OPER12 to send
	192		a message to the FRONT_DESK, since the message name can NOT be changed.
	193		
000580FB	194	CENTRL	<CENTRAL>
00058103	195	PRINT	<PRINTER>
0005810B	196	TAPES	<TAPES>
00058113	197	DISKS	<DISKS>
0005811B	198	DEVICE	<DEVICES>
00058123	199	CARDS	<CARDS>
0005812B	200	NETWORK	<NETWORK>
00058133	201	CLUSTER	<CLUSTER>
0005813B	202	SECURITY	<SECURITY>
00058143	203	REPLY	<REPLY>
0005814B	204	SOFTWARE	<SOFTWARE>
00058153	205	FILL 11	<FILL 11>
0005815B	206	OPERT	<OPERT>
00058163	207	OPER2	<OPER2>
0005816B	208	OPER3	<OPER3>
00058173	209	OPER4	<OPER4>
0005817B	210	OPER5	<OPER5>
00058183	211	OPER6	<OPER6>
0005818B	212	OPER7	<OPER7>
00058193	213	OPER8	<OPER8>
0005819B	214	OPER9	<OPER9>
000581A3	215	OPER10	<OPER10>
000581AB	216	OPER11	<OPER11>
000581B3	217	OPER12	<OPER12>
	218		
000581BB	219	DEVOFFLINX	<%Device !AS is offline!/%Mount verification is in progress.>/FA0=
000581C3	220	WRONGVOL	<%Device !AS contains the wrong volume!/%Mount verification is in
000581CB	221	DEVWRTLCK	<%Device !AS has been write locked!/%Mount verification is in prog
	222		
000581D3	223	INITAPE	<!AS!/%T, request !UL was completed by operator !AS> /FA0=3
000581DB	224	RQSTDONE	<%Request !UL was satisfied.> /FA0=1
000581E3	225	BLANKTAPE	<!AS!/%T, request !UL was completed by operator !AS> /FA0=3
	226		
000581EB	227	MVCOMPLETE	<%Mount verification has completed for device !AS> /FA0=1

```

000581F3 228 MVABORTED <%Mount verification has aborted for device !AS> /FAO=1
000581FB 229 CTRLUCODE <%Microcode for device !AS (!AC controller) is not up to the curre
00058203 230 DUPUNITNO <%MSCP controller - duplicate unit number !AS> /FAO=1
0005820B 231 SECUR_ALARM <%Security alarm!AS!AF!AS> /FAO=4
00058213 232 COUNTERFEIT <%Invalid security alarm from !AF!AS.AF> /FAO=5
233
234 .SEVERITY INFORMATIONAL
235
0005821B 236 NODE_ACTIVE "%OPCOM on !AS is activating !AS, csid !XL, system !UL!/Have estab
00058223 237 NODE_DELETE "%OPCOM on !AS deleting !AS, csid !XL, system !UL!/Node has not be
0005822B 238 NODE_DEPARTED "%OPCOM on !AS is deactivating !AS, csid !XL, system !UL!/Node is
00058233 239 NODE_INIT "%OPCOM on !AS is initializing the local node !AS, csid !XL, syste
0005823B 240 NODE_RETRY "%OPCOM on !AS is trying again to talk to !AS, csid !XL, system !U
00058243 241 NODE_START "%OPCOM on !AS recognizes node !AS, csid !XL, system !UL!/Attempti
0005824B 242 UNKNOWN <unknown request: msgtyp !XW, rqtcode !XB!/"!AF"> /FAO=4
00058253 243 CLUSCOMM "%OPCOM on !AS is unable to communicate with !AS, csid !XL, system
244
245 .SEVERITY FATAL
246
0005825C 247 VALUERR <error occurred while processing the command item "'!AS'"> /FAO=1
00058264 248 NOTRQCB <data structure is not an RQCB>
249
250 .SEVERITY INFORMATIONAL
251
0005826B 252 REPLY_GENERAL <!!ADReply received!AS!AF from user !AF at !AS !AS!AD!/"!AS!AD!/">
00058273 253 REPLY_SHUTDOWN <!!ADSHUTDOWN message!AS!AF from user !AF at !AS !AS!AD!/"!AS!AD!/">
0005827B 254 REPLY_URGENT <!!AD*URGENT* message!AS!AF from user !AF at !AS !AS!AD!/"!AS!AD!/">
00058283 255 REPLY_NOTALL <!UL terminal has been notified!AS!AF.> /FAO=4
0005828B 256 REPLY_NOTALLn <!UL terminals have been notified!AS!AF.> /FAO=4
00058293 257 REPLY_NOTDEV <Terminal !AS has been notified.> /FAO=1
0005829B 258 REPLY_NOTUSE <User !AS has been notified!AS!AF.> /FAO=4
000582A3 259 REPLY_NOTUSEn <User !AS has been notified!AS!AF (!UL terminals).> /FAO=5
260
000582AB 261 ON_NODE < on > ! Preposition for "on nodename" ("on ATHENS") messages
000582B3 262 HEADER <XXXXXXXXXXXX OPCOM !XD XXXXXXXXXXXXXXX!/">
000582BB 263 RQST_PROMPT <REQUEST - Enter message or cancel request with control/Z.
264
265 .SEVERITY WARNING
266
000582C0 267 NOLCLBROAD <no terminals were notified>
000582C8 268 NOREMBROAD <no VAXcluster terminals were notified because OPCOM is not availabl
000582D0 269 NOREMWAIT </WAIT requested, therefore no VAXcluster terminals notified>

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REQUEST - Message? >

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270
271
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289
290
000582DB 291 CLU_NEWSYS <XD%:XT Node :AD (sysid !+!UL!+) discovered node !AD (sysid !+!UL!+)
000582E3 292 CLU_CNX <XD%:XT Node :AD (csid !+!+!XL) established connection to node !AD>
000582EB 293 CLU_RECNCX <XD%:XT Node :AD (csid !+!+!XL) re-established connection to node !A
000582F3 294 CLU_LOSTCNX <XD%:XT Node :AD (csid !+!+!XL) lost connection to node !AD>
000582FB 295 CLU_TIMCNX <XD%:XT Node :AD (csid !+!+!XL) timed-out lost connection to node !A
00058303 296 CLU_INIFORM <XD%:XT Node :AD (csid !+!+!XL) proposed formation of a VAXcluster>
0005830B 297 CLU_INIADD <XD%:XT Node :AD (csid !+!+!XL) proposed addition of node !AD>
00058313 298 CLU_INIRECNFIG <XD%:XT Node :AD (csid !+!+!XL) proposed reconfiguration of the VAXc
0005831B 299 CLU_MEMREQ <XD%:XT Node :AD (csid !+!+!XL) received VAXcluster membership reque
00058323 300 CLU_ABORT <XD%:XT Node :AD (csid !+!+!XL) aborted VAXcluster state transition>
0005832B 301 CLU_ADD <XD%:XT Node !+!+!+!+ AD (csid !+!+!XL) is now a VAXcluster member
00058333 302 CLU_DROPNODE <XD%:XT Node !+!+!+!+ AD (csid !+!+!XL) has been removed from the
0005833B 303 CLU_FORNCLUS <XD%:XT Node :AD (csid !+!+!XL) detected node !AD, a member of anoth
00058343 304 CLU_INQUORUM <XD%:XT Node :AD (csid !+!+!XL) regained quorum, proceeding>
0005834B 305 CLU_LOSTDISK <XD%:XT Node :AD (csid !+!+!XL) lost "connection" to quorum disk>
00058353 306 CLU_GAINDISK <XD%:XT Node :AD (csid !+!+!XL) re-established "connection" to quoru
0005835B 307 CLU_DISKRDERR <XD%:XT Node :AD (csid !+!+!XL) failed to read quorum disk>
00058363 308 CLU_DISKWRERR <XD%:XT Node :AD (csid !+!+!XL) failed to write quorum disk>
0005836B 309 CLU_DISKINVDAT <XD%:XT Node :AD (csid !+!+!XL) read invalid data from quorum disk>
00058373 310 CLU_DISKTIMEOUT <XD%:XT Node :AD (csid !+!+!XL) timed-out operation to quorum disk>
0005837B 311 CLU_LOSTMSG <XD%:XT Node :AD (csid !+!+!XL) lost one or more messages>
00058383 312 CLU_NOQUORUM <XD%:XT Node :AD (csid !+!+!XL) lost quorum, blocking activity>
0005838B 313 CLU_FORNDISK <XD%:XT Node :AD (csid !+!+!XL) detected another VAXcluster via the
00058393 314 CLU_COMPLETE <XD%:XT Node :AD (csid !+!+!XL) completed VAXcluster state transitio
0005839B 315 CLU_QUORUM <XD%:XT Node :AD (csid !+!+!XL) proposed modification of quorum or q
316
317 .END

```

SEVERITY INFORMATION

Cluster mailbox messages
FAO parameter list is:

- timestamp - pointer to quadword time
- lsysnaml - length of name of local system
- lsysnama - address of name of local system
- lsysidw - high order word of local system id
- lsysidl - low order longword of local system id
- lcsid - local system csid
- rsysnaml - length of name of remote system
- rsysnama - address of name of remote system
- rsysidw - high order word of remote system id
- rsysidl - low order longword of remote system id
- rcsid - remote system csid

Messages use the "!+" directive to skip over items which are not meaningful or useful for a particular message.

There were 0 errors, 0 warnings, and 0 informational messages issued.
MESSAGE/LIS=LIS\$:OPCMSG/OBJ=OBJ\$:OPCMSG MSRC\$:OPCMSG

