


```

UU      UU  NN  NN  SSSSSSSS  000000  LL      IIIIII  CCCCCCCC  IIIIII  TTTTTTTTTT
UU      UU  NN  NN  SSSSSSSS  000000  LL      IIIIII  CCCCCCCC  IIIIII  TTTTTTTTTT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NNNN NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NNNN NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SSSSSS  00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SSSSSS  00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UU      UU  NN  NN  SS          00      00  LL      II      CC          II      TT
UUUUUUUUUU  NN  NN  SSSSSSSS  000000  LLLLLLLLLL  IIIIII  CCCCCCCC  IIIIII  TT
UUUUUUUUUU  NN  NN  SSSSSSSS  000000  LLLLLLLLLL  IIIIII  CCCCCCCC  IIIIII  TT

```

```

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

```

```

1 0001 0 MODULE UNSOLICIT(%TITLE 'Respond to unsolicited input'
2 0002 0 IDENT = 'V04-000'
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1
7 0007 1 *****
8 0008 1 *
9 0009 1 * COPYRIGHT (:; 1978, 1980, 1982, 1984 BY
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12 0012 1 *
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26 0026 1 *
27 0027 1 *
28 0028 1 *****
29 0029 1
30 0030 1
31 0031 1 ++
32 0032 1 FACILITY:
33 0033 1 Job controller.
34 0034 1
35 0035 1 ABSTRACT:
36 0036 1 This module contains the routines that respond to unsolicited input.
37 0037 1
38 0038 1 ENVIRONMENT:
39 0039 1 VAX/VMS user and kernel mode.
40 0040 1 --
41 0041 1
42 0042 1 AUTHOR: M. Jack, CREATION DATE: 16-Feb-1982
43 0043 1
44 0044 1 MODIFIED BY:
45 0045 1
46 0046 1 V03-007 RAS0194 Ron Schaefer 22-Sep-1983
47 0047 1 Fix itemlist for RAS0181. Swap itemcode and length.
48 0048 1
49 0049 1 V03-006 RAS0181 Ron Schaefer 18-Aug-1983
50 0050 1 Change definitions of logical names SYS$INPUT, SYS$OUTPUT
51 0051 1 and SYS$ERROR to use new PQB logical name attributes.
52 0052 1
53 0053 1 V03-005 MLJ0115 Martin L. Jack, 30-Jul-1983 15:20
54 0054 1 Changes for job controller baselevel.
55 0055 1
56 0056 1 V03-004 MLJ0114 Martin L. Jack, 23-Jun-1983 5:05
57 0057 1 Changes for job controller baselevel.

```

UNSOLICIT
V04-000

Respond to unsolicited input

L 16
16-Sep-1984 00:41:35
14-Sep-1984 12:37:16

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC\UNSOLICIT.B32;1

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```

: 58      0058 1 |
: 59      0059 1 |
: 60      0060 1 |
: 61      0061 1 |
: 62      0062 1 |
: 63      0063 1 |
: 64      0064 1 |
: 65      0065 1 |
: 66      0066 1 |
: 67      0067 1 |
: 68      0068 1 |**

```

V03-003 WMC0001 Wayne Cardoza 14-Apr-1983
Set interactive flag in CREPRC when appropriate.

V03-002 MLJ0109 Martin L. Jack, 14-Apr-1983 12:50
Changes for job controller baselevel.

V03-001 MLJ0106 Martin L. Jack, 1-Mar-1983 13:52
Changes for extended PIDs.

UNSOLICIT
V04-000

Respond to unsolicited input

M 16
16-Sep-1984 00:41:35
14-Sep-1984 12:37:16

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]UNSOLICIT.B32;1

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```
.. 70 0069 1 REQUIRE 'SRC$:JOBCTLDEF';  
.. 71 1110 1  
.. 72 1111 1  
.. 73 1112 1 FORWARD ROUTINE  
.. 74 1113 1     UNSOLICITED INPUT:           NOVALUE,  
.. 75 1114 1     CREATE_ERROR_AST:           NOVALUE,  
.. 76 1115 1     CREATE_ERROR_MESSAGE:  
.. 77 1116 1  
.. 78 1117 1  
.. 79 1118 1 EXTERNAL  
.. 80 1119 1     ALL_PRIVILEGES;  
.. 81 1120 1  
.. 82 1121 1  
.. 83 1122 1 EXTERNAL  
.. 84 1123 1     EXE$GL_FLAGS:  BITVECTOR     ADDRESSING_MODE(GENERAL),  
.. 85 1124 1     SYS$GB_DEFPRI:  BYTE       ADDRESSING_MODE(GENERAL);  
.. 86 1125 1  
.. 87 1126 1  
.. 88 1127 1 EXTERNAL LITERAL  
.. 89 1128 1     EXE$V_CONCEALED:           UNSIGNED(6);
```

```

91 1129 1 GLOBAL ROUTINE UNSOLICITED_INPUT: NOVALUE=
92 1130 1
93 1131 1 ++
94 1132 1
95 1133 1 FUNCTIONAL DESCRIPTION:
96 1134 1 This routine processes the message types:
97 1135 1 MSGS_TERMUNSOLIC unsolicited terminal input
98 1136 1 MSGS_CRUNSOLIN unsolicited card reader input
99 1137 1 by creating a detached process running LOGINOUT or INPSMB.
100 1138 1
101 1139 1 INPUT PARAMETERS:
102 1140 1 NONE
103 1141 1
104 1142 1 IMPLICIT INPUTS:
105 1143 1 MBX_BUFFER - Mailbox message.
106 1144 1
107 1145 1 OUTPUT PARAMETERS:
108 1146 1 NONE
109 1147 1
110 1148 1 IMPLICIT OUTPUTS:
111 1149 1 NONE
112 1150 1
113 1151 1 ROUTINE VALUE:
114 1152 1 NONE
115 1153 1
116 1154 1 SIDE EFFECTS:
117 1155 1 Detached process created.
118 1156 1
119 1157 1 --
120 1158 1
121 1159 2 BEGIN
122 1160 2 LOCAL
123 1161 2 IMAGE_DESC: REF VECTOR, ! Pointer to descriptor for image name
124 1162 2 DEVICE_DESC: VECTOR[2], ! Descriptor for device name
125 1163 2 DEVICE_BUFFER: VECTOR[12,BYTE], ! Buffer for device name
126 1164 2 STSFLG, ! STSFLG argument for CREPRC
127 1165 2 ITMLST, ! ITMLST argument for CREPRC
128 1166 2 PRCNAM_DESC: VECTOR[2], ! Descriptor for process name
129 1167 2 PRCNAM: REF VECTOR, ! Pointer to PRCNAM_DESC, or 0
130 1168 2 MACRO
131 1169 2 UNS_W_UNIT= 2,0,16,0 %, ! Binary unit number
132 1170 2 UNS_T_DEVICE= 4,0,0,0 %; ! Counted ASCII controller name
133 1171 2
134 1172 2 OWN
135 1173 2 TERMINAL_ATTR: BLOCK[7, LONG] ! Create 3 quadword itemlist entries
136 1174 2 INITIAL( ! for input, output and error
137 1175 2 PRC$ INPUT ATT^16 + 4,
138 1176 2 LNMSM TERMINAL,
139 1177 2 PRC$ OUTPUT ATT^16 + 4,
140 1178 2 LNMSM TERMINAL,
141 1179 2 PRC$ ERROR ATT^16 + 4,
142 1180 2 LNMSM TERMINAL,
143 1181 2 PRC$ [ISTEND]),
144 1182 2 TERM_CNCL_ATTR: BLOCK[7, LONG] ! Create 3 quadword itemlist entries
145 1183 2 INITIAL( ! for input, output and error
146 1184 2 PRC$ INPUT ATT^16 + 4,
147 1185 2 LNMSM_TERMINAL+LNMSM_CONCEALED,

```

```

148 1186 2          PRCS OUTPUT ATT^16 + 4,
149 1187 2          LNMSM TERMINAL+LNMSM CONCEALED,
150 1188 2          PRCS ERROR ATT^16 + 4,
151 1189 2          LNMSM TERMINAL+LNMSM CONCEALED,
152 1190 2          PRCS _LISTEND);
153 1191 2
154 1192 2          ! Set up the process name as "_ddcu:".
155 1193 2          !
156 1194 2          PRCNAM_DESC[0] = %ALLOCATION(DEVICE_BUFFER);
157 1195 2          PRCNAM_DESC[1] = DEVICE_BUFFER;
158 1196 2          $FAO(
159 1197 2          $DESCRIPTOR('_!AC!UW:'),
160 1198 2          PRCNAM_DESC,
161 1199 2          PRCNAM_DESC,
162 1200 2          MBX_BUFFER[UNSP_T_DEVICE],
163 1201 2          .MBX_BUFFER[UNSP_Q_UNIT]);
164 1202 2          PRCNAM = PRCNAM_DESC;
165 1203 2
166 1204 2
167 1205 2          ! Set up the device name as "ddcu:".
168 1206 2          !
169 1207 2          DEVICE_DESC[0] = .PRCNAM_DESC[0] - 1;
170 1208 2          DEVICE_DESC[1] = .PRCNAM_DESC[1] + 1;
171 1209 2
172 1210 2
173 1211 2          ITMLST = TERMINAL_ATTR;
174 1212 2
175 1213 2          ! Set up the image name, and reset the itmlst if using concealed
176 1214 2          ! devices. The interactive flag is set for terminals.
177 1215 2          !
178 1216 2          IF .MBX_BUFFER[MSG_W_TYPE] EQL MSG$_TRMUNSOLIC
179 1217 2          THEN
180 1218 3          BEGIN
181 1219 3          STSFLG = PRCSM_INTER;
182 1220 3          IMAGE_DESC = $DESCRIPTOR('SYS$SYSTEM:LOGINOUT.EXE');
183 1221 3          IF .EXE$GL_FLAGS[EXE$V_CONCEALED]
184 1222 3          THEN
185 1223 3          ITMLST = TERM_CNCL_ATTR;
186 1224 3          END
187 1225 2          ELSE
188 1226 3          BEGIN
189 1227 3          STSFLG = 0;
190 1228 3          IMAGE_DESC = $DESCRIPTOR('SYS$SYSTEM:INPSMB.EXE');
191 1229 3          END;
192 1230 2
193 1231 2
194 1232 2          ! The following loop is executed at most twice.
195 1233 2          !
196 1234 2          WHILE TRUE DO
197 1235 3          BEGIN
198 1236 3          LOCAL
199 1237 3          PID,                                ! PID of created process
200 1238 3          STATUS;                               ! Status return
201 1239 3
202 1240 3
203 1241 3          ! Create the process.
204 1242 3

```

```

: 205 P 1243 3 STATUS = $CREPRC(
: 206 P 1244 3 PIDADR=PID,
: 207 P 1245 3 IMAGE=.IMAGE_DESC,
: 208 P 1246 3 INPUT=DEVICE_DESC,
: 209 P 1247 3 OUTPUT=DEVICE_DESC,
: 210 P 1248 3 ERROR=DEVICE_DESC,
: 211 P 1249 3 PRVADR=ALL_PRIVILEGES,
: 212 P 1250 3 PRCNAM=.PRCNAM,
: 213 P 1251 3 BASPRI=.SYS$GB_DEFPRI,
: 214 P 1252 3 UIC=.JBC_UIC,
: 215 P 1253 3 STSFLG=.STSFLG,
: 216 1254 3 ITMLST=.ITMLST);
: 217 1255 3
: 218 1256 3
: 219 1257 3 IF NOT .STATUS
: 220 1258 3 THEN
: 221 1259 4 BEGIN
: 222 1260 4
: 223 1261 4 ! Create failed. If the status is not 'duplicate process name', or if
: 224 1262 4 ! a create has already been tried with no name, give up.
: 225 1263 4
: 226 1264 4 IF .STATUS<0,16> NEQ SS$_DUPLNAM OR .PRCNAM EQL 0
: 227 1265 4 THEN
: 228 1266 5 BEGIN
: 229 1267 5
: 230 1268 5 ! If the device is a terminal, issue a 'process create error'
: 231 1269 5 ! message to it on a best-effort basis. Otherwise, signal the error
: 232 1270 5 ! to the operator.
: 233 1271 5
: 234 1272 5 IF .MBX_BUFFER[MSG_W_TYPE] EQL MSG$_TRMUNSOLIC
: 235 1273 5 THEN
: 236 1274 6 BEGIN
: 237 1275 6 LOCAL
: 238 1276 6 CHANNEL: WORD; ! Channel assigned to terminal
: 239 1277 6
: 240 1278 7 IF $ASSIGN(DEVNAM=DEVICE_DESC, CHAN=CHANNEL)
: 241 1279 6 THEN
: 242 P 1280 6 $PUTMSG(
: 243 P 1281 6 MSGVEC=UPLIT(1, JBC$_PCREAT OR STS$_SEVERE),
: 244 P 1282 6 ACTRTN=CREATE_ERROR_MESSAGE,
: 245 1283 6 ACTPRM=.CHANNEL);
: 246 1284 6 END
: 247 1285 5 ELSE
: 248 1286 6 BEGIN
: 249 1287 6 SIGNAL(
: 250 1288 6 JBC$_SYMCREPRC OR STS$_ERROR, 1, DEVICE_DESC,
: 251 1289 6 .STATUS);
: 252 1290 5 END;
: 253 1291 5 RETURN;
: 254 1292 4 END;
: 255 1293 4
: 256 1294 4
: 257 1295 4 ! Create failed with a 'duplicate process name' status. Loop to retry
: 258 1296 4 ! the create with no name.
: 259 1297 4
: 260 1298 4 PRCNAM = 0;
: 261 1299 4 END

```


UNSOLICIT
V04-000

Respond to unsolicited input

E 1
16-Sep-1984 00:41:35
14-Sep-1984 12:37:16

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]UNSOLICIT.B32;1

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```
: 262      1300 3      ELSE
: 263      1301 4      BEGIN
: 264      1302 4
: 265      1303 4      ! Create succeeded.
: 266      1304 4
: 267      1305 4      RETURN;
: 268      1306 3      END;
: 269      1307 2      END;
: 270      1308 1      END;
```

.TITLE UNSOLICIT Respond to unsolicited input
.IDENT \V04-000\

.PSECT COMMON,NOEXE, OVR,2

```
00000 DIAG_STORAGE_BASE:
      .BLKB 0
00000 DIAG_TRACE:
      .BLKB 96
00060 DIAG_COUNT:
      .BLKB 96
000C0 DIAG_FLAGS:
      .BLKB 4
000C4 WORK_AREA:
      .BLKB 44
000F0 SNDJBC_COUNT:
      .BLKB 132
00174 GETQUI_COUNT:
      .BLKB 40
0019C SNDACC_COUNT:
      .BLKB 28
001B8 SNDSMB_COUNT:
      .BLKB 72
00200 DIAG_STORAGE_END:
      .BLKB 0
00200 FLAGS:
      .BLKB 4
00204 IMAGE_DUMP_STSFLG:
      .BLKB 4
00208 THIS_SYSID:
      .BLKB 6
0020E
      .BLKB 2
00210 CUR_TIME:
      .BLKB 8
00218 HOURLY_TIME:
      .BLKB 8
00220 HOURLY_PARAMS:
      .BLKB 20
00234 SYMBIONT_COUNT:
      .BLKB 4
00238 QUEUE_REFERENCE_COUNT:
      .BLKB 4
0023C MBX_MESSAGE_COUNT:
      .BLKB 4
00240 MBX:
      .BLKB 4
00244 MBX_END:
      .BLKB 4
00248 MEMORY_FREE_QUEUES:
```

00270 NONAST_WORK_QUEUE: .BLKB 40
00278 BCB_FREE_LIST: .BLKB 8
0027C BCB_ACTIVE_LIST: .BLKB 4
00280 GQL_FREE_LIST: .BLKB 4
00284 GQL_ACTIVE_LIST: .BLKB 4
00288 OPEN_GETQUI_LIST: .BLKB 4
0028C PROCESS_DATA_LIST: .BLKB 4
00290 SYMBIONT_CONTROL: .BLKB 4
00294 SPARE_AREA: .BLKB 12
002A0 REMOTE_REQUEST_LKSB: .BLKB 8
002A8 QUEUE_FILE_LKSB: .BLKB 8
002B0 QUEUE_LOCK_LKSB: .BLKB 8
002B8 RSP: .BLKB 8
002C0 JBC_PRIORITY: .BLKB 4
002C4 JBC_PRIVILEGES: .BLKB 8
002CC JBC_QUOTAS: .BLKB 66
0030E .BLKB 2
00310 JBC_UIC: .BLKB 4
00314 QUEUE_FAB: .BLKB 80
00364 QUEUE_RAB: .BLKB 68
003A8 QUEUE_NAM: .BLKB 96
00408 QUEUE_XAB: .BLKB 88
00460 QUEUE_RSA: .BLKB 255
0055F .BLKB 1
00560 QUEUE_ALQ: .BLKB 4
00564 QUEUE_MBF: .BLKB 1
00565 .BLKB 3
00568 ACCOUNTING_FABS: .BLKB 8
00570 ACCOUNTING_RABS: .BLKB 8
00578 ACCOUNT_FAB_A: .BLKB 80
005C8 ACCOUNT_RAB_A: .BLKB 80

Mo
--
LA
LC
LA
SY
CL
CL
SY
LB
LI

0060C ACCOUNT_NAM A: .BLKB 68
 .BLRB 96
0066C ACCOUNT_RSA A: .BLRB 255
 .BLRB 1
0076B .BLKB 1
0076C ACCOUNT_FAB B: .BLRB 80
 .BLRB 68
007BC ACCOUNT_RAB B: .BLRB 68
 .BLRB 96
00800 ACCOUNT_NAM B: .BLRB 96
 .BLRB 255
00860 ACCOUNT_RSA B: .BLRB 255
 .BLRB 1
0095F .BLKB 1
00960 DIAG_FAB: .BLKB 80
 .BLRB 68
009B0 DIAG_RAB: .BLKB 68
 .BLRB 4
009F4 MBX_CHAN: .BLKB 4
 .BLRB 8
009F8 MBX_IOSB: .BLKB 8
 .BLRB 1024
00A00 MBX_BUFFER: .BLKB 1024
 .BLRB 0
00E00 VALUE_STORAGE_BASE: .BLKB 0
 .BLRB 32
00E20 VALUE_GETQUI BASE: .BLKB 32
 .BLRB 0
00E20 VALUE_ACCOUNTING_MESSAGE: .BLKB 0
 .BLRB 8
00E26 VALUE_ACCOUNTING_TYPES: .BLKB 8
 .BLRB 4
00E2A VALUE_AFTER_TIME: .BLKB 4
 .BLRB 8
00E32 VALUE_ALIGNMENT_PAGES: .BLKB 8
 .BLRB 1
00E33 VALUE_BASE_PRIORITY: .BLKB 1
 .BLRB 1
00E34 VALUE_BATCH_INPUT: .BLKB 1
 .BLRB 6
00E3A VALUE_BATCH_OUTPUT: .BLKB 6
 .BLRB 10
00E44 VALUE_BUFFER_COUNT: .BLKB 10
 .BLRB 1
00E45 VALUE_CHARACTERISTIC_NAME: .BLKB 1
 .BLRB 6
00E4B VALUE_CHARACTERISTIC_NUMBER: .BLKB 6
 .BLRB 1
00E4C VALUE_CHARACTERISTICS: .BLKB 1
 .BLRB 16
00E5C VALUE_CHECKPOINT_DATA: .BLKB 16
 .BLRB 8
00E62 VALUE_CLI: .BLKB 8
 .BLRB 6

00E68 VALUE_CPU_DEFAULT:
 .BLKB 4
00E6C VALUE_CPU_LIMIT:
 .BLKB 4
00E70 VALUE_DESTINATION_QUEUE:
 .BLKB 8
00E78 VALUE_DEVICE_NAME:
 .BLKB 6
00E7E VALUE_ENTRY_NUMBER:
 .BLRB 4
00E82 VALUE_ENTRY_NUMBER_OUTPUT:
 .BLRB 10
00E8C VALUE_EXTEND_QUANTITY:
 .BLKB 2
00E8E VALUE_FILE_COPIES:
 .B[KB 1
00E8F VALUE_FILE_IDENTIFICATION:
 .B[KB 36
00EB3 VALUE_FILE_SETUP_MODULES:
 .B[KB 8
00EB9 VALUE_FILE_SPECIFICATION:
 .B[KB 6
00EBF VALUE_FIRST_PAGE:
 .BLRB 4
00EC3 VALUE_FORM_DESCRIPTION:
 .B[KB 6
00EC9 VALUE_FORM_LENGTH:
 .B[KB 1
00ECA VALUE_FORM_MARGIN_BOTTOM:
 .B[KB 1
00ECB VALUE_FORM_MARGIN_LEFT:
 .B[KB 2
00ECD VALUE_FORM_MARGIN_RIGHT:
 .B[KB 2
00ECF VALUE_FORM_MARGIN_TOP:
 .B[KB 1
00ED0 VALUE_FORM_NAME:
 .B[KB 6
00ED6 VALUE_FORM_NUMBER:
 .B[KB 4
00EDA VALUE_FORM:
 .BLKB 8
00EE2 VALUE_FORM_SETUP_MODULES:
 .B[KB 8
00EE8 VALUE_FORM_STOCK:
 .B[KB 6
00EEE VALUE_FORM_WIDTH:
 .B[KB 2
00EF0 VALUE_GENERIC_TARGET:
 .BLKB 996
012D4 VALUE_JOB_COPIES:
 .BLKB 1
012D5 VALUE_JOB_LIMIT:
 .BLKB 1
012D6 VALUE_JOB_NAME:
 .BLKB 6
012DC VALUE_JOB_RESET_MODULES:


```

: 272 1309 1 ROUTINE CREATE_ERROR_AST(CHANNEL): NOVALUE=
: 273 1310 1
: 274 1311 1 |++
: 275 1312 1 |
: 276 1313 1 | FUNCTIONAL DESCRIPTION:
: 277 1314 1 | This is a completion AST routine for the $QIO that issues a "process
: 278 1315 1 | create error" message to a terminal on which unsolicited input has
: 279 1316 1 | been received. Its purpose is to deassign the channel.
: 280 1317 1 |
: 281 1318 1 | INPUT PARAMETERS:
: 282 1319 1 | CHANNEL - Channel number, passed as ASTPRM.
: 283 1320 1 |
: 284 1321 1 | IMPLICIT INPUTS:
: 285 1322 1 | NONE
: 286 1323 1 |
: 287 1324 1 | OUTPUT PARAMETERS:
: 288 1325 1 | NONE
: 289 1326 1 |
: 290 1327 1 | IMPLICIT OUTPUTS:
: 291 1328 1 | NONE
: 292 1329 1 |
: 293 1330 1 | ROUTINE VALUE:
: 294 1331 1 | NONE
: 295 1332 1 |
: 296 1333 1 | SIDE EFFECTS:
: 297 1334 1 | Channel deassigned.
: 298 1335 1 |
: 299 1336 1 | --
: 300 1337 1 |
: 301 1338 2 BEGIN
: 302 1339 2 $DASSGN(CHAN=.CHANNEL);
: 303 1340 1 END;

```

.EXTRN SYSSDASSGN

0000 00000 CREATE_ERROR_AST:

```

00000000G 00 04 AC DD 00002 .WORD Save nothing : 1309
01 FB 00005 PUSHL CHANNEL : 1339
04 0000C CALLS #1, SYSSDASSGN :
RET : 1340

```

: Routine Size: 13 bytes, Routine Base: CODE + 0144

```

: 305 1341 1 ROUTINE CREATE_ERROR_MESSAGE(MSG_DESC,CHANNEL)=
: 306 1342 1
: 307 1343 1 !++
: 308 1344 1
: 309 1345 1 FUNCTIONAL DESCRIPTION:
: 310 1346 1 This is an action routine for the $PUTMSG that issues a 'process
: 311 1347 1 create error' message to a terminal on which unsolicited input has
: 312 1348 1 been received. Its purpose is to issue the $QIO to write the message.
: 313 1349 1
: 314 1350 1 INPUT PARAMETERS:
: 315 1351 1 MSG_DESC - Descriptor for message.
: 316 1352 1 CHANNEL - Channel number, passed as ACTPRM.
: 317 1353 1
: 318 1354 1 IMPLICIT INPUTS:
: 319 1355 1 NONE
: 320 1356 1
: 321 1357 1 OUTPUT PARAMETERS:
: 322 1358 1 NONE
: 323 1359 1
: 324 1360 1 IMPLICIT OUTPUTS:
: 325 1361 1 NONE
: 326 1362 1
: 327 1363 1 ROUTINE VALUE:
: 328 1364 1 FALSE, to signal $PUTMSG not to write the message.
: 329 1365 1
: 330 1366 1 SIDE EFFECTS:
: 331 1367 1 Message written to terminal.
: 332 1368 1
: 333 1369 1 --
: 334 1370 1
: 335 1371 2 BEGIN
: 336 1372 2 MAP
: 337 1373 2 MSG_DESC: REF BBLOCK; ! Descriptor for message
: 338 1374 2
: 339 1375 2
: 340 1376 2 ! Issue the $QIO to write the message. If the $QIO service fails, deassign
: 341 1377 2 the channel.
: 342 1378 2
: 343 P 1379 2 IF NOT $QIO(
: 344 P 1380 2 FUNC=IOS_WRITEVBLK,
: 345 P 1381 2 CHAN=.CHANNEL,
: 346 P 1382 2 ASTADR=CREATE_ERROR_AST,
: 347 P 1383 2 ASTPRM=.CHANNEL,
: 348 P 1384 2 P1=.MSG_DESC[DSC$A_POINTER],
: 349 P 1385 2 P2=.MSG_DESC[DSC$W_LENGTH],
: 350 1386 2 P3=%C' ')
: 351 1387 2 THEN
: 352 1388 2 $DASSGN(CHAN=.CHANNEL);
: 353 1389 2
: 354 1390 2
: 355 1391 2 ! Return false, to signal $PUTMSG not to write the message.
: 356 1392 2
: 357 1393 2 FALSE
: 358 1394 1 END;

```

.EXTRN SYSSQIO

		0000	00000	CREATE_ERROR MESSAGE:			
				.WORD	Save nothing	: 1341	
				CLRQ	-(SP)	: 1386	
7E		20	7D 00004	MOVQ	#32, -(SP)		
50	04	AC	DD 00007	MOVL	MSG_DESC, R0		
7E		60	3C 0000B	MOVZWL	(R0), -(SP)		
	04	A0	DD 0000E	PUSHL	4(R0)		
	08	AC	DD 00011	PUSHL	CHANNEL		
	DC	AF	9F 00014	PUSHAB	CREATE_ERROR_AST		
7E		30	7D 00017	MOVQ	#48, -(SP)		
	08	AC	DD 0001A	PUSHL	CHANNEL		
		7E	D4 0001D	CLRL	-(SP)		
00000000G	00	0C	FB 0001F	CALLS	#12, SYSSQIO		
	0A	50	E8 00026	BLBS	R0, 1\$		
		08	AC	DD 00029	PUSHL	CHANNEL	: 1388
00000000G	00	01	FB 0002C	CALLS	#1, SYSSDASSGN		
		50	D4 00033	CLRL	R0	: 1394	
		04	00035	RET			

; Routine Size: 54 bytes, Routine Base: CODE + 0151

Mo
--
LT
SY
MP
SY
SY

UNSOLICIT Respond to unsolicited input
V04-000

C 2
16-Sep-1984 00:41:35
14-Sep-1984 12:37:16

VAX-11 Bliss-32 V4.0-742
[JOBCTL.SRC]UNSOLICIT.B32;1

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(6)

: 360 1395 1 END
: 361 1396 0 ELUDOM

.EXTRN LIB\$SIGNAL

PSECT SUMMARY

Name	Bytes	Attributes
COMMON	5024	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, OVR, NOPIC, ALIGN(2)
DATA	56	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
CODE	391	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	57 0	1000	00:01.4

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:UNSOLICIT/OBJ=OBJ\$:UNSOLICIT MSRCS:UNSOLICIT/UPDATE=(ENHS:UNSOLICIT)

: Size: 303 code + 5168 data bytes
: Run Time: 00:13.6
: Elapsed Time: 00:59.1
: Lines/CPU Min: 6181
: Lexemes/CPU-Min: 53287
: Memory Used: 251 pages
: Compilation Complete

0195 AH-BT13A-SE
VAX/VMS V4.0

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[The main body of the document contains a dense grid of text, likely representing a data table or a series of small reports. The text is extremely faint and illegible due to the low contrast of the scan. It appears to be organized in a regular grid pattern across the page.]

SYMBION
LTS

UNSUBCIT
LTS

