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SSSSSSSS TTTTTTTTTT SSSSSSSS EEEEEEEEE E VV VV EEEEEEEEE NN NN TTTTTTTTTT
SSSSSSSS TTTTTTTTTT SSSSSSSS EEEEEEEEE E VV VV EEEEEEEEE NN NN TTTTTTTTTT
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LL LL IIIIII SSSSSSSS
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```
0001 0 Module STATUS AND EVENT DECODE
0002 0 (%TITLE 'Status and event decode'
0003 0 IDENT = 'V04-000')=
0004 0
0005 1 BEGIN
0006 1
0007 1
0008 1 *****
0009 1 *
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0029 1 *****
0030 1
0031 1 **
0032 1 FACILITY: ERF, Error Log Report Generator
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module contains the routines that decode the status and
0037 1 event codes for MSCP entries.
0038 1
0039 1 ENVIRONMENT:
0040 1
0041 1 VAX/VMS operating system, user mode.
0042 1
0043 1 AUTHOR: Sharon Reynolds, CREATION DATE: May-1984
0044 1
0045 1 Modified By:
0046 1
0047 1 V03-002 SAR0289 Sharon A. Reynolds 16-July-1984
0048 1 - Fixed a bug that indicates no msg1, if the code is out of
0049 1 range.
0050 1 - Added TA78 event codes.
0051 1
0052 1 V03-001 SAR0286 Sharon A. Reynolds 5-Jul-1984
0053 1 Added a msg1 present indicator for tape only messages.
0054 1
0055 1 --
0056 1
0057 1 Require 'SRC$:ERFDEF.REQ' ;
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58 0343 1
59 0344 1 Forward routine
60 0345 1   Status_and_event_decode : novalue ;
61 0346 1
62 0347 1 External
63 0348 1   Emb:          $BBLOCK PSECT (EMB) ;
64 0349 1
65 0350 1 Macro
66 0351 1   Device_class = 18,0,8,0 %
67 0352 1   Sts_or_event_code = 48,0,16,0 % ;
68 0353 1
69 0354 1 Own
70 0355 1   Msg:          Ref $BBLOCK,
71 0356 1   Msg1:         Ref $BBLOCK,
72 0357 1   No_msg:       Initial (%ASCII '*'),
73 0358 1   Value,
74 0359 1   Value_specified,
75 0360 1   Frmtr_err_codes: VECTOR [11,word]
76 0361 1   Initial (word (%X'7EF',%X'7F0',%X'7F8',%X'7FB',%X'7FE',
77 0362 1   %X'7FF',1,2,3,4,5) ),
78 0363 1   Position_lst_codes: VECTOR [4,word]
79 0364 1   Initial (word (%X'7F9',%X'7FB',%X'7FE',%X'7FF') ),
80 0365 1   Drv_err_codes: VECTOR [16,word]
81 0366 1   Initial (word (%X'7F1',%X'7F2',%X'7F3',%X'7F4',
82 0367 1   %X'7F5',%X'7F6',%X'7F7',%X'7F8',%X'7FB',
83 0368 1   %X'7FE',%X'7FF',0,1,2,3,4) ) ;
84 0369 1
85 0370 1
86 P 0371 1 STORE_STRINGS ( frmtr_errs,
87 P 0372 1   'COULD NOT GET EXTENDED DRV STS',
88 P 0373 1   'COULD NOT GET FRMTR SUMMARY STS',
89 P 0374 1   'TOPOLOGY COMMAND FAILED',
90 P 0375 1   'FORMATTER REQUESTED ERROR LOG',
91 P 0376 1   'CAN NOT CLEAR FRMTR ERRORS',
92 P 0377 1   'COULD NOT GET FRMTR SUMMARY STS',
93 P 0378 1   'EQUIPMENT CHECK',
94 P 0379 1   'INTERVENTION REQUIRED',
95 P 0380 1   'COMMAND REJECT',
96 P 0381 1   'FORMATTER RESPONSE CHECK',
97 P 0382 1   'FORMATTER SENSE READ ERROR' ) ;
98 0383 1
99 P 0384 1 STORE_STRINGS ( position_lst,
100 P 0385 1   'RESTORE TAPE POS, RETRY LIMIT EXCEEDED',
101 P 0386 1   'FRMTR DETECTED POSITION LOST',
102 P 0387 1   'FRMTR AND CNTRLR DISAGREE ON POSITION',
103 0388 1   'CNTRLR DETECTED POSITION LOST' ) ;
104 0389 1
105 P 0390 1 STORE_STRINGS ( drive_errs,
106 P 0391 1   'COULD NOT SET BYTE CNT',
107 P 0392 1   'COULD NOT WRITE TAPE MARK',
108 P 0393 1   'COULD NOT SET UNIT CHARACTERISTICS',
109 P 0394 1   'UNABLE TO POSITION TO BEFORE "LEOT"',
110 P 0395 1   'REWIND FAILURE',
111 P 0396 1   'COULD NOT COMPLETE ONLINE SEQUENCE',
112 P 0397 1   'ERASE GAP FAILED',
113 P 0398 1   'ERASE FAILED',
114 P 0399 1   'TAPE DRIVE REQUESTED ERROR LOG',

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:	115	P	0400	1	'COULD NOT POSITION FOR RETRY (FRMTR)',
:	116	P	0401	1	'CAN NOT CLEAR DRIVE ERRORS',
:	117	P	0402	1	'DEVICE RESPONSE CHECK',
:	118	P	0403	1	'DEVICE HARDWARE CHECK',
:	119	P	0404	1	'VELOCITY CHECK',
:	120	P	0405	1	'DEVICE COMMAND CHECK',
:	121		0406	1	'AIRFLOW/TEMPERATURE CHECK') ;
:	122		0407	1	
:	123		0408	1	

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125 0409 1 Global Routine STATUS_AND_EVENT_DECODE (msg_part1,msg_part2,value_1) : novalue =
126 0410 222 Begin
127 0411 222
128 0412 222 !++
129 0413 222
130 0414 222 Functional Description:
131 0415 222
132 0416 222     This routine decodes the status and event code included in an MSCP
133 0417 222     entry and returns the text associated with the code.
134 0418 222
135 0419 222 Calling Sequence:
136 0420 222
137 0421 222     STATUS_AND_EVENT_DECODE (msg1,msg2,value1)
138 0422 222
139 0423 222 Input Parameters:
140 0424 222
141 0425 222     Msg1 = address of descriptor for msg1
142 0426 222     Msg2 = address of descriptor for msg2
143 0427 222     Value1 = address for value
144 0428 222
145 0429 222 --
146 0430 222 Local
147 0431 222     Msg1_present:      Initial (1) ;
148 0432 222
149 0433 222 Bind
150 0434 222     Msg_desc1 = .msg_part1 : vector [2,long],
151 0435 222     Msg_desc2 = .msg_part2 : vector [2,long],
152 0436 222     Sts_event_code = emb[sts_or_event_code] : word,
153 0437 222     Sub_code = .sts_event_code<5,11> ;
154 0438 222
155 0439 222 Case .sts_event_code<0,5> from 0 to %X'13' of
156 0440 222 Set
157 0441 222 [0]:
158 0442 222     Begin
159 0443 222     Msg = %ASCID 'SUCCESS' ;
160 0444 222
161 0445 222     Selectone sub_code of
162 0446 222     Set
163 0447 222     [0]: Msg1 = %ASCID 'NORMAL' ;
164 0448 222     [1]: Msg1 = %ASCID 'SPIN DOWN IGNORED' ;
165 0449 222     [2]: Msg1 = %ASCID 'STILL CONNECTED' ;
166 0450 222     [4]: Msg1 = %ASCID 'DUPLICATE UNIT #' ;
167 0451 222     [8]: Msg1 = %ASCID 'ALREADY ON-LINE' ;
168 0452 222     [%X'10']: Msg1 = %ASCID 'STILL ON-LINE' ;
169 0453 222     [%X'11']: Msg1 = %ASCID 'STILL ONLINE, UNLOAD IGNORED' ;
170 0454 222     [%X'20']: Msg1 = %ASCID "'EOT" ENCOUNTERED' ;
171 0455 222
172 0456 222     [OTHERWISE]: Msg1 = .no_msg ;
173 0457 222     Tes ;
174 0458 222     End ;
175 0459 222
176 0460 222 [1]:
177 0461 222     Begin
178 0462 222     Msg = %ASCID 'INVALID COMMAND' ;
179 0463 222
180 0464 222     Selectone sub_code of
181 0465 222     Set

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182	0466	3	[0]: Msg1 = %ASCID 'INVALID MSG LENGTH' ;	53
183	0467	3	[X'40']: Msg1 = %ASCID 'INVALID OPCODE' ;	00
184	0468	3	[X'50']: Msg1 = %ASCID 'INVALID MODIFIERS' ;	
185	0469	3	[X'60']: Msg1 = %ASCID 'INVALID 'MSCP' VERSION' ;	
186	0470	3	[X'70']: Msg1 = %ASCID 'INVALID CONTROLLER FLAGS' ;	
187	0471	3	[X'100']: Msg1 = %ASCID 'INVALID FORMAT' ;	20
188	0472	3		
189	0473	3	[OTHERWISE]: Msg1 = .no_msg ;	
190	0474	3	Tes ;	
191	0475	2	End ;	
192	0476	2		41
193	0477	2	[2]: Msg = %ASCID 'COMMAND ABORTED' ;	52
194	0478	2		
195	0479	2	[3]:	
196	0480	3	Begin	
197	0481	3	Msg = %ASCID 'UNIT OFFLINE' ;	
198	0482	3		41
199	0483	3	Selectone sub_code of	52
200	0484	3	Set	
201	0485	3	[0]: Msg1 = %ASCID 'UNIT UNKNOWN OR NOT AVAILABLE' ;	
202	0486	3	[1]:	
203	0487	4	Begin	41
204	0488	4	If (.emb[emb\$b_lm_class] EQL DC\$_DISK) OR	49
205	0489	4		
206	0490	5	(.emb[emb\$b_lm_class] EQL DC\$_BUS AND	
207	0491	6	(.emb[emb\$b_lm_type] EQL DT\$_ODA50 OR	
208	0492	5	.emb[emb\$b_lm_type] EQL DT\$_ODA50A))	
209	0493	4	Then	55
210	0494	4	Msg1 = %ASCID 'KNOWN SUB-STATE OF 'UNIT-OFFLINE'' ;	
211	0495	4		
212	0496	4	If (.emb[emb\$b_lm_class] EQL DC\$_TAPE) OR	
213	0497	4		52
214	0498	5	(.emb[emb\$b_lm_class] EQL DC\$_BUS AND	
215	0499	5	.emb[emb\$b_lm_type] EQL DT\$_T081P)	
216	0500	4	Then	
217	0501	4	Msg1 = %ASCID 'NO MEDIA LOADED' ;	4E
218	0502	3	End ;	
219	0503	3		
220	0504	3	[2]: Msg1 = %ASCID 'UNIT IS INOPERATIVE' ;	
221	0505	3	[4]: Msg1 = %ASCID 'DUPLICATE UNIT #' ;	53
222	0506	3	[X'8']: Msg1 = %ASCID 'UNIT DISABLED' ;	
223	0507	3		
224	0508	3	[OTHERWISE]: Msg1 = .no_msg ;	
225	0509	3	Tes ;	00
226	0510	2	End ;	
227	0511	2		
228	0512	2	[4]: Msg = %ASCID 'UNIT AVAILABLE' ;	
229	0513	2		
230	0514	2	[5]:	
231	0515	2	Begin	
232	0516	2	Msg = %ASCID 'MEDIA FORMAT ERROR' ;	
233	0517	2		
234	0518	2	Case sub_code from 1 to 9 of	
235	0519	2	Set	54
236	0520	2	[1]: Msg1 = %ASCID 'FCT UNREADABLE, EDC ERROR' ;	
237	0521	2	[2]: Msg1 = %ASCID 'FCT UNREADABLE, INVALID HEADER' ;	
238	0522	2	[3]: Msg1 = %ASCID 'FCT UNREADABLE, DATA SYNC TIMEOUT' ;	

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239      0523      3      [5]: Msg1 = %ASCID 'FORMAT NOT 512 BYTE SECTORS' ;
240      0524      3      [6]: Msg1 = %ASCID 'NOT FORMATTED OR FCT CORRUPT' ;
241      0525      3      [7]: Msg1 = %ASCID 'FCT UNREADABLE, HARD ECC ERROR' ;
242      0526      3      [9]: Msg1 = %ASCID 'NO REPLACEMENT BLOCK AVAILABLE' ;
243      0527      3
244      0528      3      [INRANGE]: Msg1 = .no_msg ;
245      0529      3      [OUTRANGE]: Msg1 = .no_msg ;
246      0530      3      Tes ;
247      0531      2      End ;
248      0532      2
249      0533      2      [6]:
250      0534      2      Begin
251      0535      3      Msg = %ASCID 'WRITE PROTECT' ;
252      0536      3
253      0537      3      Selectone sub_code of
254      0538      3      Set
255      0539      3      [%X'80']: Msg1 = %ASCID 'UNIT SOFTWARE' ;
256      0540      3      [%X'100']: Msg1 = %ASCID 'UNIT HARDWARE' ;
257      0541      3      [%X'110']: Msg1 = %ASCID 'HARDWARE/SOFTWARE FOR UNIT' ;
258      0542      3
259      0543      3      [OTHERWISE]: Msg1 = .no_msg ;
260      0544      3      Tes ;
261      0545      2      End ;
262      0546      2
263      0547      2      [7]: Msg = %ASCID 'COMPARE ERROR' ;
264      0548      2
265      0549      2      [8]:
266      0550      3      Begin
267      0551      3      Msg = %ASCID 'DATA ERROR' ;
268      0552      3
269      0553      3      If (.emb[emb$b_lm_class] EQL DC$ DISK) OR
270      0554      4      (.emb[emb$w_hd_entry] EQL EMB$K_LOGMSCP AND
271      0555      4      .emb[device_class] EQL 'D')
272      0556      3      Then
273      0557      4      Begin
274      0558      4      Selectone sub_code of
275      0559      4      Set
276      0560      4      [0]: Msg1 = %ASCID 'SECTOR W/ 'FORCE ERROR' MODIFIER' ;
277      0561      4      [2]: Msg1 = %ASCID 'HEADER COMPARE ERROR' ;
278      0562      4      [3]: Msg1 = %ASCID 'DATA SYNC NOT FOUND' ;
279      0563      4      [4]: Msg1 = %ASCID 'CORRECTABLE ERROR IN ECC FIELD' ;
280      0564      4      [7]: Msg1 = %ASCID 'UNCORRECTABLE 'ECC' ERROR' ;
281      0565      4      [8,9,%X'A',%X'B',%X'C',%X'D',%X'E',%X'F']:
282      0566      5      Begin
283      0567      5      Msg1 = %ASCID 'SYMBOL 'ECC' ERROR' ;
284      0568      5      Value = sub_code - 7 ;
285      0569      5      Value_specified = true ;
286      0570      4      End ;
287      0571      4
288      0572      4      [OTHERWISE]: Msg1 = .no_msg ;
289      0573      4      Tes ;
290      0574      4      End
291      0575      3      Else
292      0576      4      Begin
293      0577      4      If (.emb[emb$b_lm_class] EQL DC$ TAPE) OR
294      0578      5      (.emb[emb$w_hd_entry] EQL EMB$K_LOGMSCP AND
295      0579      5      .emb[device_class] EQL 'T')

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: 296 0580 4
: 297 0581 5
: 298 0582 5
: 299 0583 5
: 300 0584 5
: 301 0585 5
: 302 0586 5
: 303 0587 5
: 304 0588 5
: 305 0589 5
: 306 0590 6
: 307 0591 6
: 308 0592 6
: 309 0593 6
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: 311 0595 6
: 312 0596 6
: 313 0597 6
: 314 0598 6
: 315 0599 6
: 316 0600 6
: 317 0601 6
: 318 0602 6
: 319 0603 6
: 320 0604 6
: 321 0605 6
: 322 0606 6
: 323 0607 5
: 324 0608 5
: 325 0609 5
: 326 0610 4
: 327 0611 4
: 328 0612 3
: 329 0613 2
: 330 0614 2
: 331 0615 2
: 332 0616 2
: 333 0617 3
: 334 0618 3
: 335 0619 3
: 336 0620 3
: 337 0621 3
: 338 0622 3
: 339 0623 3
: 340 0624 3
: 341 0625 3
: 342 0626 3
: 343 0627 3
: 344 0628 3
: 345 0629 2
: 346 0630 2
: 347 0631 2
: 348 0632 2
: 349 0633 3
: 350 0634 3
: 351 0635 3
: 352 0636 4

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Then
  Begin
    Case sub_code from 2043 to 2047 of
      Set
        [2043]: Msg1 = %ASCID 'FRMTR RETRY SEQ EXHAUSTED' ;
        [2044]: Msg1 = %ASCID 'CNTRLR XFER RETRY LIMIT EXCEEDED' ;
        [2045]: Msg1 = %ASCID 'HOST REQST RETRY SUPPRESS (K.STI)' ;
        [2046]: Msg1 = %ASCID 'REVRS RETRY NOT SUPPORTED' ;
        [2047]: Msg1 = %ASCID 'HOST REQST RETRY SUPPRESS (FRMTR)' ;
      [OUTRANGE]:
        Begin
          Case sub_code from 0 to %X'A' of
            Set
              [0]: Msg1 = %ASCID 'LONG GAP ENCOUNTERED' ;
              [1]: Msg1 = %ASCID 'AGC FAULT' ;
              [2]: Msg1 = %ASCID 'ID FAULT' ;
              [3]: Msg1 = %ASCID 'READ DATA CHECK' ;
              [4]: Msg1 = %ASCID 'UNIT EXCEPTION' ;
              [5]: Msg1 = %ASCID "'FIFO' OVERRUN/OVERFLOW' ;
              [6]: Msg1 = %ASCID 'FORMATTER READ PARITY ERROR' ;
              [7]: Msg1 = %ASCID 'UNRECOVERABLE READ ERROR' ;
              [8]: Msg1 = %ASCID "'FIFO' PARITY ERROR' ;
              [9]: Msg1 = %ASCID "'I/F' PARITY ERROR' ;
              [%X'A']: Msg1 = %ASCID "'LESI' PARITY ERROR' ;
            [OUTRANGE]: Msg1 = .no_msg ;
            Tes ;
          End ;
        Tes ;
      End ;
    Else
      Msg1 = .no_msg ;
    End ;
  End ;

[9]:
  Begin
    Msg = %ASCID 'HOST BUFFER ACCESS ERROR' ;
    Case sub_code from 1 to 5 of
      Set
        [1]: Msg1 = %ASCID 'ODD TRANSFER ADDRESS' ;
        [2]: Msg1 = %ASCID 'ODD BYTE COUNT' ;
        [3]: Msg1 = %ASCID 'NON-EXISTENT MEMORY ERROR' ;
        [4]: Msg1 = %ASCID 'HOST MEMORY PARITY ERROR' ;
        [5]: Msg1 = %ASCID 'INVALID PAGE TABLE ENTRY' ;
      [OUTRANGE]: Msg1 = .no_msg ;
      Tes ;
    End ;
  End ;

[%X'A']:
  Begin
    Msg = %ASCID 'CONTROLLER ERROR' ;
    If (.emb[emb$b_lm_class] EQL DC$ DISK) OR
      (.emb[emb$b_w_hd_entry] EQL EMB$K_LOGMSCP AND

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353      0637 4      .emb[device_class] EQL 'D')
354      0638 3      Then
355      0639 4      Begin
356      0640 4      Selectone sub_code of
357      0641 4      Set
358      0642 4      [1]: Msg1 = %ASCID "'SERDES' OVERRUN ERROR' ;
359      0643 4      [2]: Msg1 = %ASCID "'EDC' ERROR' ;
360      0644 4      [3]: Msg1 = %ASCID 'INTERNAL DATA-STRUCTURE ERROR' ;
361      0645 4      [4]: Msg1 = %ASCID 'INTERNAL 'EDC' ERROR' ;
362      0646 4      [5]: Msg1 = %ASCID 'LESI ADAPTER CARD PARITY ERROR (INPUT)' ;
363      0647 4      [6]: Msg1 = %ASCID 'LESI ADAPTER CARD PARITY ERROR (OUTPUT)' ;
364      0648 4      [7]: Msg1 = %ASCID 'LESI ADAPTER CARD, CABLE NOT IN PLACE' ;
365      0649 4      [%X'8']: Msg1 = %ASCID 'DATA BUS OVERRUN' ;
366      0650 4      [%X'9']: Msg1 = %ASCID 'DATA MEMORY ERROR' ;
367      0651 4      [%X'A']: Msg1 = %ASCID "'PLI' RECEPTION BUFFER PE' ;
368      0652 4      [%X'B']: Msg1 = %ASCID "'PLI' TRANSMISSION BUFFER PE' ;
369      0653 4
370      0654 4      [OTHERWISE]: Msg1 = .no_msg ;
371      0655 4      Tes ;
372      0656 4      End
373      0657 3      Else
374      0658 4      Begin
375      0659 4      If (.emb[emb$b_lm_class] EQL DC$ TAPE) OR
376      0660 5      (.emb[emb$w_hd_entry] EQL EMB$K_LOGMSCP AND
377      0661 5      .emb[device_class] EQL 'T')
378      0662 4      Then
379      0663 5      Begin
380      0664 5      Case sub_code from 0 to 1 of
381      0665 5      Set
382      0666 5      [0]: Msg1 = %ASCID 'GROSS TIME OUT' ;
383      0667 5      [1]: Msg1 = %ASCID 'DATA LATE' ;
384      0668 5
385      0669 5      [OUTRANGE]: Msg1 = .no_msg ;
386      0670 5      Tes ;
387      0671 5      End
388      0672 4      Else
389      0673 4      Msg1 = .no_msg ;
390      0674 3      End ;
391      0675 2      End ;
392      0676 2
393      0677 2
394      0678 2      [%x'B']:
395      0679 3      Begin
396      0680 3      Msg = %ASCID 'DRIVE ERROR' ;
397      0681 3
398      0682 3      If (.emb[emb$b_lm_class] EQL DC$ DISK) OR
399      0683 4      (.emb[emb$w_hd_entry] EQL EMB$K_LOGMSCP AND
400      0684 4      .emb[device_class] EQL 'D')
401      0685 3      Then
402      0686 4      Begin
403      0687 4      Case sub_code from 1 to %X'E' of
404      0688 4      Set
405      0689 4      [1]: Msg1 = %ASCID "'SDI' COMMAND TIMEOUT' ;
406      0690 4      [2]: Msg1 = %ASCID 'CONTROLLER DETECTED "SDI" ERROR' ;
407      0691 4      [3]: Msg1 = %ASCID 'POSITIONER ERROR' ;
408      0692 4      [4]: Msg1 = %ASCID 'LOST 'R/W READY', (TRANSFER)' ;
409      0693 4      [5]: Msg1 = %ASCID 'DRIVE CLOCK DROPOUT' ;

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410 0694 4 [6]: Msg1 = %ASCID 'LOST 'RECEIVER READY', (TRANSFER)' ;
411 0695 4 [7]: Msg1 = %ASCID 'DRIVE DETECTED ERROR' ;
412 0696 4 [8]: Msg1 = %ASCID 'PULSE OR STATE PARITY ERROR' ;
413 0697 4 [9]: Msg1 = %ASCID 'DRIVE REQUESTED ERROR LOG' ;
414 0698 4 [%X'A']: Msg1 = %ASCID 'RESPONSE LENGTH OR OPCODE ERROR' ;
415 0699 4 [%X'B']: Msg1 = %ASCID 'NO CLOCK AFTER 'INIT'' ;
416 0700 4 [%X'C']: Msg1 = %ASCID 'CLOCK PRESENT AFTER 'INIT'' ;
417 0701 4 [%X'D']: Msg1 = %ASCID 'RECEIVER READY COLLISION' ;
418 0702 4 [%X'E']: Msg1 = %ASCID 'RESPONSE OVERFLOW' ;
419 0703 4
420 0704 4 [OUTRANGE]: Msg1 = .no_msg ;
421 0705 4 Tes ;
422 0706 4 End
423 0707 3 Else
424 0708 4 Begin
425 0709 4 If (.emb[emb$b_lm_class] EQL DC$ TAPE) OR
426 0710 5 (.emb[emb$w_hd_entry] EQL EMB$K_LOGMSCP AND
427 0711 5 .emb[device_class] EQL 'T')
428 0712 4 Then
429 0713 5 Begin
430 0714 5 Msg1 = .no_msg ;
431 0715 5
432 0716 5 Incr I from 0 to 15 do
433 0717 6 Begin
434 0718 6 If sub_code EQL .drv_err_codes[I]
435 0719 6 Then
436 0720 7 Begin
437 0721 7 Msg1 = drive_errs_desc_tbl[I,0,0,0,0] ;
438 0722 6 End ;
439 0723 5 End ;
440 0724 4 End ;
441 0725 3 End ;
442 0726 2 End ;
443 0727 2 [%X'C']: ! TAPE only
444 0728 2 Begin
445 0729 3 Msg = %ASCID 'FORMATTER ERROR' ;
446 0730 3
447 0731 3 Msg1 = .no_msg ;
448 0732 3
449 0733 3 Incr I from 0 to 10 do
450 0734 3 Begin
451 0735 4 If sub_code EQL .frmtr_err_codes[I]
452 0736 4 Then
453 0737 4 Begin
454 0738 5 Msg1 = frmtr_errs_desc_tbl[I,0,0,0,0] ;
455 0739 5 End ;
456 0740 4 End ;
457 0741 3 End ;
458 0742 2 End ;
459 0743 2 [%X'D']:
460 0744 2 Begin
461 0745 3 Msg = %ASCID ''BOT'' ENCOUNTERED' ;
462 0746 3 Msg1_present = 0 ; ! The following are for
463 0747 3 End ; ! TAPE only
464 0748 2 [%X'E']:
465 0749 2
466 0750 2

```

```

: 467      0751      3      Begin
: 468      0752      3      Msg = %ASCID 'TAPE MARK ENCOUNTERED' ;
: 469      0753      3      Msg1_present = 0 ;
: 470      0754      2      End ;
: 471      0755      2
: 472      0756      2      [%X'10']:
: 473      0757      3      Begin
: 474      0758      3      Msg = %ASCID 'RECORD DATA TRUNCATED' ;
: 475      0759      3      Msg1_present = 0 ;
: 476      0760      2      End ;
: 477      0761      2
: 478      0762      2      [%X'11']:
: 479      0763      3      Begin
: 480      0764      3      Msg = %ASCID 'POSITION LOST' ;
: 481      0765      3
: 482      0766      3      Msg1 = .no_msg ;
: 483      0767      3
: 484      0768      3      Incr I from 0 to 3 do
: 485      0769      4          Begin
: 486      0770      4          If sub_code EQL .position_lst_codes[I]
: 487      0771      4          Then
: 488      0772      5              Begin
: 489      0773      5              Msg1 = position_lst_desc_tbl[.I,0,0,0,0] ;
: 490      0774      4              End ;
: 491      0775      3          End ;
: 492      0776      2      End ;
: 493      0777      2
: 494      0778      2      [%X'12']:
: 495      0779      3      Begin
: 496      0780      3      Msg = %ASCID 'SERIOUS EXCEPTION PRESENT' ;
: 497      0781      3      Msg1_present = 0 ;
: 498      0782      2      End ;
: 499      0783      2
: 500      0784      2      [%X'13']:
: 501      0785      3      Begin
: 502      0786      3      Msg = %ASCID "'LEOT" DETECTED' ;
: 503      0787      3      Msg1_present = 0 ;
: 504      0788      2      End ;
: 505      0789      2
: 506      0790      2      [INRANGE]:
: 507      0791      3      Begin
: 508      0792      3      Msg = .no_msg ;
: 509      0793      3      Msg1 = .no_msg ;
: 510      0794      2      End ;
: 511      0795      2
: 512      0796      2      [OUTRANGE]:
: 513      0797      3      Begin
: 514      0798      3      Msg = .no_msg ;
: 515      0799      3      Msg1 = .no_msg ;
: 516      0800      2      End ;
: 517      0801      2      Tes ;
: 518      0802      2
: 519      0803      2
: 520      0804      2      Update the length of the message and move the message into the
: 521      0805      2      descriptor for msg and msg1.
: 522      0806      2
: 523      0807      2      Msg_desc1[0] = .msg[dsc$w_length] ;

```

```

: 524      0808 2 CH$MOVE (.msg[dsc$w_length],.msg[dsc$a_pointer],.msg_desc1[1]) ;
: 525      0809 2
: 526      0810 2 If (.msg1_present)
: 527      0811 2 Then
: 528      0812 2     Begin
: 529      0813 2     Msg_desc2[0] = .msg1[dsc$w_length] ;
: 530      0814 2     CH$MOVE (.msg1[dsc$w_length],.msg1[dsc$a_pointer],.msg_desc2[1]) ;
: 531      0815 2     End ;
: 532      0816 2
: 533      0817 2
: 534      0818 2 Determine if a value was needed and copy it, else indicate that it
: 535      0819 2 was not needed by setting the location to a -1.
: 536      0820 2
: 537      0821 2 If .value_specified
: 538      0822 2 Then
: 539      0823 2     .value_1 = .value
: 540      0824 2 Else
: 541      0825 2     .value_1 = -1 ;
: 542      0826 2
: 543      0827 2
: 544      0828 2 Return ;
: 545      0829 1 End ; ! Routine

```

.TITLE STATUS AND_EVENT_DECODE Status and event decode
.IDENT \V04-000\

.PSECT \$PLIT,NOWRT,NOEXE, PIC,2

						00	00	00	2A	00000	P.AAB:	.ASCII	*\<0><0><0>						
								010E0001		00004	P.AAA:	.LONG	17694721						
						00000000*				00008	.ADDRESS	P.AAB							
45	20	54	45	47	20	54	4F	4E	20	44	4C	55	4F	43	0000C	P.AAC:	.ASCII	\COULD NOT GET EXTENDED DRV STS\<0><0>	
53	54	53	20	56	52	44	20	44	45	44	4E	45	54	58	0001B				
													00	00	0002A				
46	20	54	45	47	20	54	4F	4E	20	44	4C	55	4F	43	0002C	P.AAD:	.ASCII	\COULD NOT GET FRMTR SUMMARY STS\<0>	
54	53	20	59	52	41	4D	4D	55	53	20	52	54	4D	52	0003B				
													00	53	0004A				
4E	41	4D	4D	4F	43	20	59	47	4F	4C	4F	50	4F	54	0004C	P.AAE:	.ASCII	\TOPOLOGY COMMAND FAILED\<0>	
						00	44	45	4C	49	41	46	20	44	0005B				
45	55	51	45	52	20	52	45	54	54	41	4D	52	4F	46	00064	P.AAF:	.ASCII	\FORMATTER REQUESTED ERROR LOG\<0><0>	
00	47	4F	4C	20	52	4F	52	52	45	20	44	45	54	53	00073				
													00	00	00082				
													00	00	00083				
46	20	52	41	45	4C	43	20	54	4F	4E	20	4E	41	43	00084	P.AAG:	.ASCII	\CAN NOT CLEAR FRMTR ERRORS\<0><0>	
		00	00	53	52	4F	52	52	45	20	52	54	4D	52	00093				
46	20	54	45	47	20	54	4F	4E	20	44	4C	55	4F	43	000A0	P.AAH:	.ASCII	\COULD NOT GET FRMTR SUMMARY STS\<0>	
54	53	20	59	52	41	4D	4D	55	53	20	52	54	4D	52	000AF				
													00	53	000BE				
48	43	45	48	43	20	54	4E	45	4D	50	49	55	51	45	000C0	P.AAI:	.ASCII	\EQUIPMENT CHECK\<0>	
													00	00	000CF				
45	52	20	4E	4F	49	54	4E	45	56	52	45	54	4E	49	000D0	P.AAJ:	.ASCII	\INTERVENTION REQUIRED\<0><0><0>	
						00	00	00	44	45	52	49	55	51	000DF				
00	54	43	45	4A	45	52	20	44	4E	41	4D	4D	4F	43	000EB	P.AAK:	.ASCII	\COMMAND REJECT\<0><0>	
													00	00	000F7				
4F	50	53	45	52	20	52	45	54	54	41	4D	52	4F	46	000F8	P.AAL:	.ASCII	\FORMATTER RESPONSE CHECK\	
						4B	43	45	48	43	20	45	53	4E	00107				

45	53	4E	45	53	20	52	45	54	54	41	4D	52	4F	46	00110	P.AAM:	.ASCII	\FORMATTER SENSE READ ERROR\<0><0>
4F	50	20	45	50	41	54	20	45	52	4F	54	53	45	52	0011F			
20	54	49	4D	49	4C	20	59	52	54	45	52	20	2C	53	0012C	P.AAN:	.ASCII	\RESTORE TAPE POS, RETRY LIMIT EXCEEDED-
						00	44	45	44	45	45	43	58	45	0013B			\<0>
														00	0014A			
20	44	45	54	43	45	54	45	44	20	52	54	4D	52	46	00153		.ASCII	<0>
		54	53	4F	4C	20	4E	4F	49	54	49	53	4F	50	00154	P.AAO:	.ASCII	\FRMTR DETECTED POSITION LOST\
52	54	4E	43	20	44	4E	41	20	52	54	54	4D	52	46	00163			
20	4E	4F	20	45	45	52	47	41	53	49	44	20	52	4C	00170	P.AAP:	.ASCII	\FRMTTR AND CNTRLR DISAGREE ON POSITION-
						00	4E	4F	49	54	49	53	4F	50	0017F			\<0>
44	45	54	43	45	54	45	44	20	52	4C	52	54	4E	43	0018E		.ASCII	<0>
00	54	53	4F	4C	20	4E	4F	49	54	49	53	4F	50	20	00197	P.AAQ:	.ASCII	\CNTRLR DETECTED POSITION LOST\<0><0>
														00	00198			
														00	001A7			
														00	001B6			
42	20	54	45	53	20	54	4F	4E	20	44	4C	55	4F	43	001B7		.ASCII	<0>
						00	00	54	4E	43	20	45	54	59	001B8	P.AAR:	.ASCII	\COULD NOT SET BYTE CNT\<0><0>
45	54	49	52	57	20	54	4F	4E	20	44	4C	55	4F	43	001C7			
		00	00	00	4B	52	41	4D	20	45	50	41	54	20	001D0	P.AAS:	.ASCII	\COULD NOT WRITE TAPE MARK\<0><0><0>
55	20	54	45	53	20	54	4F	4E	20	44	4C	55	4F	43	001DF			
53	49	52	45	54	43	41	52	41	48	43	20	54	49	4E	001EC	P.AAT:	.ASCII	\COULD NOT SET UNIT CHARACTERISTICS\<0>
										00	53	43	49	54	001FB			
														00	0020A			
														00	0020F		.ASCII	<0>
54	49	53	4F	50	20	4F	54	20	45	4C	42	41	4E	55	00210	P.AAU:	.ASCII	\UNABLE TO POSITION TO BEFORE 'LEOT'\<0>
22	20	45	52	4F	46	45	42	20	4F	54	20	4E	4F	49	0021F			
									00	22	54	4F	45	4C	0022E			
00	45	52	55	4C	49	41	46	20	44	4E	49	57	45	52	00234	P.AAV:	.ASCII	\REWIND FAILURE\<0><0>
														00	00243			
4C	50	4D	4F	43	20	54	4F	4E	20	44	4C	55	4F	43	00244	P.AAW:	.ASCII	\COULD NOT COMPLETE ONLINE SEQUENCE\<0>
55	51	45	53	20	45	4E	49	4C	4E	4F	20	45	54	45	00253			
									00	45	43	4E	45	00	00262			
														00	00267		.ASCII	<0>
45	4C	49	41	46	20	50	41	47	20	45	53	41	52	45	00268	P.AAX:	.ASCII	\ERASE GAP FAILED\
														44	00277			
			44	45	4C	49	41	46	20	45	53	41	52	45	00278	P.AAY:	.ASCII	\ERASE FAILED\
53	51	45	52	20	45	56	49	52	44	20	45	50	41	54	00284	P.AAZ:	.ASCII	\TAPE DRIVE REQUESTED ERROR LOG\
		47	4F	4C	20	52	4F	52	52	45	20	44	45	54	00293			
54	49	53	4F	50	20	54	4F	4E	20	44	4C	55	4F	43	002A0	P.ABA:	.ASCII	\COULD NOT POSITION FOR RETRY (FRMTR)\
28	20	59	52	54	45	52	20	52	4F	46	20	4E	4F	49	002AF			
									29	52	54	4D	52	46	002BE			
44	20	52	41	45	4C	43	20	54	4F	4E	20	4E	41	43	002C4	P.ABB:	.ASCII	\CAN NOT CLEAR DRIVE ERRORS\<0><0>
		00	00	53	52	4F	52	52	45	20	45	56	49	52	002D3			
45	53	4E	4F	50	53	45	52	20	45	43	49	56	45	44	002E0	P.ABC:	.ASCII	\DEVICE RESPONSE CHECK\<0><0><0>
						00	00	00	4B	43	45	48	43	20	002EF			
45	52	41	57	44	52	41	48	20	45	43	49	56	45	44	002F8	P.ABD:	.ASCII	\DEVICE HARDWARE CHECK\<0><0><0>
						00	00	00	4B	43	45	48	43	20	00307			
00	4B	43	45	48	43	20	59	54	49	43	4F	4C	45	56	00310	P.ABE:	.ASCII	\VELOCITY CHECK\<0><0>
														00	0031F			
20	44	4E	41	4D	4D	4F	43	20	45	43	49	56	45	44	00320	P.ABF:	.ASCII	\DEVICE COMMAND CHECK\
										4B	43	45	48	43	0032F			
41	52	45	50	4D	45	54	2F	57	4F	4C	46	52	49	41	00334	P.ABG:	.ASCII	\AIRFLOW/TEMPERATURE CHECK\<0><0><0>
		00	00	00	4B	43	45	48	43	20	45	52	55	54	00343			
							00	53	53	45	43	43	55	53	00350	P.ABI:	.ASCII	\SUCCESS\<0>
															010E0007			
															00000000		.LONG	17694727
															0035C		.ADDRESS	P.ABI
						00	00	4C	41	4D	52	4F	4E		00360	P.ABK:	.ASCII	\NORMAL\<0><0>

52	4F	4E	47	49	20	4E	57	4F	44	20	4E	49	50	53	00368	P.ABJ:	.LONG	17694726
										00	00	00	44	45	0036C		.ADDRESS	P.ABK
															00370	P.ABM:	.ASCII	\SPIN DOWN IGNORED\<0><0><0>
															0037F			
44	45	54	43	45	4E	4E	4F	43	20	4C	4C	49	54	53	00384	P.ABL:	.LONG	17694737
															00388		.ADDRESS	P.ABM
															0038C	P.ABO:	.ASCII	\STILL CONNECTED\<0>
															0039B			
20	54	49	4E	55	20	45	54	41	43	49	4C	50	55	44	0039C	P.ABN:	.LONG	17694735
															003A0		.ADDRESS	P.ABO
															003A4	P.ABQ:	.ASCII	\DUPLICATE UNIT #\
															003B3			
45	4E	49	4C	2D	4E	4F	20	59	44	41	45	52	4C	41	003B4	P.ABP:	.LONG	17694736
															003B8		.ADDRESS	P.ABQ
															003BC	P.ABS:	.ASCII	\ALREADY ON-LINE\<0>
															003CB			
00	00	45	4E	49	4C	2D	4E	4F	20	4C	4C	49	54	53	003CC	P.ABR:	.LONG	17694735
															003D0		.ADDRESS	P.ABS
															003D4	P.ABU:	.ASCII	\STILL ON-LINE\<0><0><0>
															003E3			
55	20	2C	45	4E	49	4C	4E	4F	20	4C	4C	49	54	53	003E4	P.ABT:	.LONG	17694733
		44	45	52	4F	4E	47	49	20	44	41	4F	4C	4E	003E8		.ADDRESS	P.ABU
															003EC	P.ABW:	.ASCII	\STILL ONLINE, UNLOAD IGNORED\
															003FB			
52	45	54	4E	55	4F	43	4E	45	20	22	54	4F	45	22	00408	P.ABV:	.LONG	17694748
										00	00	00	44	45	0040C		.ADDRESS	P.ABW
															00410	P.ABY:	.ASCII	\'EOT' ENCOUNTERED\<0><0><0>
															0041F			
44	4E	41	4D	4D	4F	43	20	44	49	4C	41	56	4E	49	00424	P.ABX:	.LONG	17694737
															00428		.ADDRESS	P.ABY
															0042C	P.ACA:	.ASCII	\INVALID COMMAND\<0>
															0043B			
4E	45	4C	20	47	53	4D	20	44	49	4C	41	56	4E	49	0043C	P.AB?:	.LONG	17694735
															00440		.ADDRESS	P.ACA
															00444	P.ACC:	.ASCII	\INVALID MSG LENGTH\<0><0>
															00453			
00	45	44	4F	43	50	4F	20	44	49	4C	41	56	4E	49	00458	P.ACB:	.LONG	17694738
															0045C		.ADDRESS	P.ACC
															00460	P.ACE:	.ASCII	\INVALID OPCODE\<0><0>
															0046F			
45	49	46	49	44	4F	4D	20	44	49	4C	41	56	4E	49	00470	P.ACD:	.LONG	17694734
										00	00	00	53	52	00474		.ADDRESS	P.ACE
															00478	P.ACG:	.ASCII	\INVALID MODIFIERS\<0><0><0>
															00487			
20	22	50	43	53	4D	22	20	44	49	4C	41	56	4E	49	0048C	P.ACF:	.LONG	17694737
						00	00	4E	4F	49	53	52	45	56	00490		.ADDRESS	P.ACG
															00494	P.ACI:	.ASCII	\INVALID 'MSCP' VERSION\<0><0>
															004A3			
4C	4F	52	54	4E	4F	43	20	44	49	4C	41	56	4E	49	004AC	P.ACH:	.LONG	17694742
						53	47	41	4C	46	20	52	45	4C	004B0		.ADDRESS	P.ACI
															004B4	P.ACK:	.ASCII	\INVALID CONTROLLER FLAGS\
															004C3			
00	54	41	4D	52	4F	46	20	44	49	4C	41	56	4E	49	004CC	P.ACJ:	.LONG	17694744
															004D0		.ADDRESS	P.ACK
															004D4	P.ACM:	.ASCII	\INVALID FORMAT\<0><0>
															004E3			
															004E4	P.ACL:	.LONG	17694734

44	45	54	52	4F	42	41	20	44	4E	41	4D	4D	4F	43	00000000'	004E8		.ADDRESS P.ACM
															00	004EC	P.ACO:	.ASCII \COMMAND ABORTED\<0>
															00	004FB		
															010E000F'	004FC	P.ACN:	.LONG 17694735
															00000000'	00500		.ADDRESS P.ACO
			45	4E	49	4C	46	46	4F	20	54	49	4E	55	00504	P.ACQ:	.ASCII \UNIT OFFLINE\<0>	
															010E000C'	00510	P.ACP:	.LONG 17694732
															00000000'	00514		.ADDRESS P.ACQ
52	4F	20	4E	57	4F	4E	4B	4E	55	20	54	49	4E	55	00518	P.ACS:	.ASCII \UNIT UNKNOWN OR NOT AVAILABLE\<0><0>	
00	45	4C	42	41	4C	49	41	56	41	20	54	4F	4E	20	00527			
															00	00536		
															00	00537		.ASCII <0>
															010E001D'	00538	P.ACR:	.LONG 17694749
															00000000'	0053C		.ADDRESS P.ACS
45	54	41	54	53	2D	42	55	53	20	4E	57	4F	4E	4B	00540	P.ACU:	.ASCII \KNOWN SUB-STATE OF 'UNIT-OFFLINE'\<0><0>	
49	4C	46	46	4F	2D	54	49	4E	55	22	20	46	4F	20	0054F			
										00	00	22	45	4E	0055E			
															00	00563		.ASCII <0>
															010E0021'	00564	P.ACT:	.LONG 17694753
															00000000'	00568		.ADDRESS P.ACU
44	45	44	41	4F	4C	20	41	49	44	45	4D	20	4F	4E	0056C	P.ACW:	.ASCII \NO MEDIA LOADED\<0>	
															00	0057B		
															010E000F'	0057C	P.ACV:	.LONG 17694735
															00000000'	00580		.ADDRESS P.ACW
41	52	45	50	4F	4E	49	20	53	49	20	54	49	4E	55	00584	P.ACY:	.ASCII \UNIT IS INOPERATIVE\<0>	
										00	45	56	49	54	00593			
															010E0013'	00598	P.ACX:	.LONG 17694739
															00000000'	0059C		.ADDRESS P.ACY
20	54	49	4E	55	20	45	54	41	43	49	4C	50	55	44	005A0	P.ADA:	.ASCII \DUPLICATE UNIT #\<0>	
															23	005AF		
															010E0010'	005B0	P.ACZ:	.LONG 17694736
															00000000'	005B4		.ADDRESS P.ADA
00	00	44	45	4C	42	41	53	49	44	20	54	49	4E	55	005B8	P.ADC:	.ASCII \UNIT DISABLED\<0><0><0>	
															00	005C7		
															010E000D'	005C8	P.ADB:	.LONG 17694733
															00000000'	005CC		.ADDRESS P.ADC
00	45	4C	42	41	4C	49	41	56	41	20	54	49	4E	55	005D0	P.ADE:	.ASCII \UNIT AVAILABLE\<0><0>	
															00	005DF		
															010E000E'	005E0	P.ADD:	.LONG 17694734
															00000000'	005E4		.ADDRESS P.ADE
52	45	20	54	41	4D	52	4F	46	20	41	49	44	45	4D	005E8	P.ADG:	.ASCII \MEDIA FORMAT ERROR\<0><0>	
										00	00	52	4F	52	005F7			
															010E0012'	005FC	P.ADF:	.LONG 17694738
															00000000'	00600		.ADDRESS P.ADG
2C	45	4C	42	41	44	41	45	52	4E	55	20	54	43	46	00604	P.ADI:	.ASCII \FCT UNREADABLE, EDC ERROR\<0><0><0>	
		00	00	00	52	4F	52	52	45	20	43	44	45	20	00613			
															010E0019'	00620	P.ADH:	.LONG 17694745
															00000000'	00624		.ADDRESS P.ADI
2C	45	4C	42	41	44	41	45	52	4E	55	20	54	43	46	00628	P.ADK:	.ASCII \FCT UNREADABLE, INVALID HEADER\<0><0>	
52	45	44	41	45	48	20	44	49	4C	41	56	4E	49	20	00637			
															00	00646		
															010E001E'	00648	P.ADJ:	.LONG 17694750
															00000000'	0064C		.ADDRESS P.ADK
2C	45	4C	42	41	44	41	45	52	4E	55	20	54	43	46	00650	P.ADM:	.ASCII \FCT UNREADABLE, DATA SYNC TIMEOUT\<0><0>	
45	4D	49	54	20	43	4E	59	53	20	41	54	41	44	20	0065F			
										00	00	54	55	4F	0066E			
															00	00673		.ASCII <0>

20	32	31	35	20	54	4F	4E	20	54	41	4D	52	4F	46	010E0021	00674	P.ADL:	.LONG	17694753		
		00	53	52	4F	54	43	45	53	20	45	54	59	42	00000000	00678		.ADDRESS	P.ADM		
															010E001B	0067C	P.ADO:	.ASCII	\FORMAT NOT 512 BYTE SECTORS\<0>		
															00000000	00688					
4F	20	44	45	54	54	41	4D	52	4F	46	20	54	4F	4E	010E001C	00698	P.ADN:	.LONG	17694747		
		54	50	55	52	52	4F	43	20	54	43	46	20	52	00000000	0069C		.ADDRESS	P.ADO		
															010E001E	006A0	P.ADQ:	.ASCII	\NOT FORMATTED OR FCT CORRUPT\		
															00000000	006AF					
2C	45	4C	42	41	44	41	45	52	4E	55	20	54	43	46	010E001D	006BC	P.ADP:	.LONG	17694748		
52	4F	52	52	45	20	43	43	45	20	44	52	41	48	20	00000000	006C0		.ADDRESS	P.ADQ		
															010E001F	006C4	P.ADS:	.ASCII	\FCT UNREADABLE, HARD ECC ERROR\<0><0>		
															00000000	006D3					
															010E001E	006E2					
20	54	4E	45	4D	45	43	41	4C	50	45	52	20	4F	4E	00000000	006E4	P.ADR:	.LONG	17694750		
45	4C	42	41	4C	49	41	56	41	20	48	43	4F	4C	42	00000000	006E8		.ADDRESS	P.ADS		
															010E001E	006EC	P.ADU:	.ASCII	\NO REPLACEMENT BLOCK AVAILABLE\<0><0>		
															00000000	006FB					
															010E001E	0070A					
00	00	54	43	45	54	4F	52	50	20	45	54	49	52	57	00000000	0070C	P.ADT:	.LONG	17694750		
															00000000	00710		.ADDRESS	P.ADU		
															010E000D	00714	P.ADW:	.ASCII	\WRITE PROTECT\<0><0><0>		
															00000000	00723					
															010E000D	00724	P.ADV:	.LONG	17694733		
00	00	45	52	41	57	54	46	4F	53	20	54	49	4E	55	00000000	00728		.ADDRESS	P.ADW		
															00000000	0072C	P.ADY:	.ASCII	\UNIT SOFTWARE\<0><0><0>		
															00000000	0073B					
															010E000D	0073C	P.ADX:	.LONG	17694733		
00	00	45	52	41	57	44	52	41	48	20	54	49	4E	55	00000000	00740		.ADDRESS	P.ADY		
															00000000	00744	P.AEA:	.ASCII	\UNIT HARDWARE\<0><0><0>		
															00000000	00753					
															010E000D	00754	P.ADZ:	.LONG	17694733		
41	57	54	46	4F	53	2F	45	52	41	57	44	52	41	48	00000000	00758		.ADDRESS	P.AEA		
		00	00	54	49	4E	55	20	52	4F	46	20	45	52	00000000	0075C	P.AEC:	.ASCII	\HARDWARE/SOFTWARE FOR UNIT\<0><0>		
															010E001A	0076B					
															00000000	00778	P.AEB:	.LONG	17694746		
00	00	52	4F	52	52	45	20	45	52	41	50	4D	4F	43	00000000	0077C		.ADDRESS	P.AEC		
															00000000	00780	P.AEE:	.ASCII	\COMPARE ERROR\<0><0><0>		
															00000000	0078F					
															010E000D	00790	P.AED:	.LONG	17694733		
															00000000	00794		.ADDRESS	P.AEE		
				00	00	52	4F	52	52	45	20	41	54	41	44	00000000	00798	P.AEG:	.ASCII	\DATA ERROR\<0><0>	
															010E000A	007A4	P.AEF:	.LONG	17694730		
															00000000	007A8		.ADDRESS	P.AEG		
43	52	4F	46	22	20	2F	57	20	52	4F	54	43	45	53	00000000	007AC	P.AEI:	.ASCII	\SECTOR W/ 'FORCE ERROR' MODIFIER\		
49	46	49	44	4F	4D	20	22	52	4F	52	52	45	20	45	00000000	007BB					
															00000000	007CA					
															010E0020	007CC	P.AEH:	.LONG	17694752		
															00000000	007D0		.ADDRESS	P.AEI		
20	45	52	41	50	4D	4F	43	20	52	45	44	41	45	48	00000000	007D4	P.AEK:	.ASCII	\HEADER COMPARE ERROR\		
															00000000	007E3					
															010E0014	007E8	P.AEJ:	.LONG	17694740		
															00000000	007EC		.ADDRESS	P.AEK		
46	20	54	4F	4E	20	43	4E	59	53	20	41	54	41	44	00000000	007F0	P.AEM:	.ASCII	\DATA SYNC NOT FOUND\<0>		
															00000000	007FF					
															010E0013	00804	P.AEL:	.LONG	17694739		
															00000000	00808		.ADDRESS	P.AEM		
52	52	45	20	45	4C	42	41	54	43	45	52	52	4F	43	00000000	0080C	P.AEO:	.ASCII	\CORRECTABLE ERROR IN ECC FIELD\<0><0>		

44	4C	45	49	46	20	43	43	45	20	4E	49	20	52	4F	0081B						
													00	00	0082A						
													010E001E	00000000	0082C	P.AEN:	.LONG	17694750			
22	20	45	4C	42	41	54	43	45	52	52	4F	43	4E	55	00830		.ADDRESS	P.AEO			
		00	00	00	52	4F	52	52	45	20	22	43	43	45	00834	P.AEQ:	.ASCII	\UNCORRECTABLE 'ECC' ERROR\<0><0><0>			
															00843						
															010E0019	00850	P.AEP:	.LONG	17694745		
20	22	43	43	45	22	20	4C	4F	42	4D	59	53	20	2E	00854		.ADDRESS	P.AEQ			
															00000000	00858	P.AES:	.ASCII	\. SYMBOL 'ECC' ERROR\		
															00867						
															010E0014	0086C	P.AER:	.LONG	17694740		
51	45	53	20	59	52	54	45	52	20	52	54	4D	52	46	00870		.ADDRESS	P.AES			
		00	00	00	44	45	54	53	55	41	48	58	45	20	00874	P.AEU:	.ASCII	\FRMTR RETRY SEQ EXHAUSTED\<0><0><0>			
															00883						
															010E0019	00890	P.AET:	.LONG	17694745		
54	45	52	20	52	45	46	58	20	52	4C	52	54	4E	43	00894		.ADDRESS	P.AEU			
44	45	45	43	58	45	20	54	49	4D	49	4C	20	59	52	00898	P.AEW:	.ASCII	\CNTRLR XFER RETRY LIMIT EXCEEDED\			
															008A7						
															008B6						
															010E0020	008B8	P.AEV:	.LONG	17694752		
52	54	45	52	20	54	53	51	45	52	20	54	53	4F	48	008BC		.ADDRESS	P.AEW			
53	2E	48	28	20	53	53	45	52	50	50	55	53	20	59	008C0	P.AEY:	.ASCII	\HOST REQST RETRY SUPPRESS (K.STI)\<0><0>			
															008CF						
															008DE						
															008E3		.ASCII	<0>			
															010E0021	008E4	P.AEX:	.LONG	17694753		
54	4F	4E	20	59	52	54	45	52	20	53	52	56	45	52	008E8		.ADDRESS	P.AEY			
		00	00	00	44	45	54	52	4F	50	50	55	53	20	008EC	P.AFA:	.ASCII	\REVRS RETRY NOT SUPPORTED\<0><0><0>			
															008FB						
															010E0019	00908	P.AEZ:	.LONG	17694745		
52	54	45	52	20	54	53	51	45	52	20	54	53	4F	48	0090C		.ADDRESS	P.AFA			
4D	52	4E	28	20	53	53	45	52	50	50	55	53	20	59	00910	P.AFC:	.ASCII	\HOST REQST RETRY SUPPRESS (FRMTR)\<0><0>			
															0091F						
															0092E						
															00933		.ASCII	<0>			
															010E0021	00934	P.AFB:	.LONG	17694753		
4E	55	4F	43	4E	45	20	50	41	47	20	47	4E	4F	4C	00938		.ADDRESS	P.AFC			
															00000000	0093C	P.AFE:	.ASCII	\LONG GAP ENCOUNTERED\		
															0094B						
															010E0014	00950	P.AFD:	.LONG	17694740		
															00000000	00954		.ADDRESS	P.AFE		
			00	00	00	54	4C	55	41	46	20	43	47	41	00958	P.AFG:	.ASCII	\AGC FAULT\<0><0><0>			
															010E0009	00964	P.AFF:	.LONG	17694729		
															00000000	00968		.ADDRESS	P.AFG		
							54	4C	55	41	46	20	44	49	0096C	P.AFI:	.ASCII	\ID FAULT\			
															010E0008	00974	P.AFH:	.LONG	17694728		
4B	43	45	48	43	20	41	54	41	44	20	44	41	45	52	00978		.ADDRESS	P.AFI			
															00000000	0097C	P.AFK:	.ASCII	\READ DATA CHECK\<0>		
															0098B						
															010E000F	0098C	P.AFJ:	.LONG	17694735		
00	4E	4F	49	54	50	45	43	58	45	20	54	49	4E	55	00990		.ADDRESS	P.AFK			
															00000000	00994	P.AFM:	.ASCII	\UNIT EXCEPTION\<0><0>		
															009A3						
															010E000E	009A4	P.AFL:	.LONG	17694734		
2F	4E	55	52	52	45	56	4F	20	22	4F	46	49	46	22	009A8		.ADDRESS	P.AFM			
						00	57	4F	4C	46	52	45	56	4F	009AC	P.AFO:	.ASCII	\'FIFO' OVERRUN/OVERFLOW\<0>			
															009BB						

20	44	41	45	52	20	52	45	54	54	41	4D	52	4F	46	009C4	P.AFN:	.LONG	17694743
		00	52	4F	52	52	45	20	59	54	49	52	41	50	009C8		.ADDRESS	P.AFO
												52	4F	46	009CC	P.AFO:	.ASCII	\FORMATTER READ PARITY ERROR\<0>
															009DB			
52	20	45	4C	42	41	52	45	56	4F	43	45	52	4E	55	009E8	P.AFP:	.LONG	17694747
						52	4F	52	52	45	20	44	41	45	009EC		.ADDRESS	P.AFO
															009F0	P.AFS:	.ASCII	\UNRECOVERABLE READ ERROR\
															009FF			
45	20	59	54	49	52	41	50	20	22	4F	46	49	46	22	00A08	P.AFR:	.LONG	17694744
										00	52	4F	52	52	00A0C		.ADDRESS	P.AFS
															00A10	P.AFU:	.ASCII	\'FIFO' PARITY ERROR\<0>
															00A1F			
52	45	20	59	54	49	52	41	50	20	22	46	2F	49	22	00A24	P.AFT:	.LONG	17694739
											00	52	4F	52	00A28		.ADDRESS	P.AFU
															00A2C	P.AFW:	.ASCII	\'I/F' PARITY ERROR\<0>\<0>
															00A3B			
45	20	59	54	49	52	41	50	20	22	49	53	45	4C	22	00A40	P.AFV:	.LONG	17694738
										00	52	4F	52	52	00A44		.ADDRESS	P.AFW
															00A48	P.AFY:	.ASCII	\'LESI' PARITY ERROR\<0>
															00A57			
43	43	41	20	52	45	46	46	55	42	20	54	53	4F	48	00A5C	P.AFX:	.LONG	17694739
						52	4F	52	52	45	20	53	4F	48	00A60		.ADDRESS	P.AFY
															00A64	P.AGA:	.ASCII	\HOST BUFFER ACCESS ERROR\
															00A73			
44	41	20	52	45	46	53	4E	41	52	54	20	44	44	4F	00A7C	P.AFZ:	.LONG	17694744
										53	53	45	52	44	00A80		.ADDRESS	P.AGA
															00A84	P.AGC:	.ASCII	\ODD TRANSFER ADDRESS\
															00A93			
00	54	4E	55	4F	43	20	45	54	59	42	20	44	44	4F	00A98	P.AGB:	.LONG	17694740
															00A9C		.ADDRESS	P.AGC
															00AA0	P.AGE:	.ASCII	\ODD BYTE COUNT\<0>\<0>
															00AAF			
45	4D	20	54	4E	45	54	53	49	58	45	2D	4E	4F	4E	00AB0	P.AGD:	.LONG	17694734
		00	00	00	52	4F	52	52	45	20	59	52	4F	4D	00AB4		.ADDRESS	P.AGE
															00AB8	P.AGG:	.ASCII	\NON-EXISTENT MEMORY ERROR\<0>\<0>\<0>
															00AC7			
52	41	50	20	59	52	4F	4D	45	4D	20	54	53	4F	48	00AD4	P.AGF:	.LONG	17694745
						52	4F	52	52	45	20	59	54	49	00AD8		.ADDRESS	P.AGG
															00ADC	P.AGI:	.ASCII	\HOST MEMORY PARITY ERROR\
															00AEB			
41	54	20	45	47	41	50	20	44	49	4C	41	56	4E	49	00AF4	P.AGH:	.LONG	17694744
						59	52	54	4E	45	20	45	4C	42	00AF8		.ADDRESS	P.AGI
															00AFC	P.AGK:	.ASCII	\INVALID PAGE TABLE ENTRY\
															00B0B			
4F	52	52	45	20	52	45	4C	4C	4F	52	54	4E	4F	43	00B14	P.AGJ:	.LONG	17694744
															00B18		.ADDRESS	P.AGK
															00B1C	P.AGM:	.ASCII	\CONTROLLER ERROR\
															00B2B			
55	52	52	45	56	4F	20	22	53	45	44	52	45	53	22	00B2C	P.AGL:	.LONG	17694736
						00	00	52	4F	52	52	45	20	4E	00B30		.ADDRESS	P.AGM
															00B34	P.AGO:	.ASCII	\'SERDES' OVERRUN ERROR\<0>\<0>
															00B43			
															00B4C	P.AGN:	.LONG	17694742
															00B50		.ADDRESS	P.AGO
			00	52	4F	52	52	45	20	22	43	44	45	22	00B54	P.AGQ:	.ASCII	\'EDC' ERROR\<0>
															00B60	P.AGP:	.LONG	17694731
															00B64		.ADDRESS	P.AGQ

53	2D	41	54	41	44	20	4C	41	4E	52	45	54	4E	49	00B68	P.AGS:	.ASCII	\INTERNAL DATA-STRUCTURE ERROR\<0><0>	
00	52	4F	52	52	45	20	45	52	55	54	43	55	52	54	00B77				
															00B86				
															00B87		.ASCII	<0>	
															00B88	P.AGR:	.LONG	17694749	
															00B8C		.ADDRESS	P.AGS	
20	22	43	44	45	22	20	4C	41	4E	52	45	54	4E	49	00B90	P.AGU:	.ASCII	\INTERNAL 'EDC' ERROR\	
										52	4F	52	52	45	00B9F				
															00BA4	P.AGT:	.LONG	17694740	
															00BA8		.ADDRESS	P.AGU	
41	43	20	52	45	54	50	41	44	41	20	49	53	45	4C	00BAC	P.AGW:	.ASCII	\LESI ADAPTER CARD PARITY ERROR (INPUT)-	
52	4F	52	52	45	20	59	54	49	52	41	50	20	44	52	00BBB			\<0>	
						00	29	54	55	50	4E	49	28	20	00BCA				
															00BD3		.ASCII	<0>	
															00BD4	P.AGV:	.LONG	17694758	
															00BD8		.ADDRESS	P.AGW	
41	43	20	52	45	54	50	41	44	41	20	49	53	45	4C	00BDC	P.AGY:	.ASCII	\LESI ADAPTER CARD PARITY ERROR (OUTPUT)-	
52	4F	52	52	45	20	59	54	49	52	41	50	20	44	52	00BEB			\<0>	
						00	29	54	55	50	54	55	4F	28	20	00BFA			
															00C04	P.AGX:	.LONG	17694759	
															00C08		.ADDRESS	P.AGY	
41	43	20	52	45	54	50	41	44	41	20	49	53	45	4C	00C0C	P.AHA:	.ASCII	\LESI ADAPTER CARD, CABLE NOT IN PLACE\<0>	
49	20	54	4F	4E	20	45	4C	42	41	43	20	2C	44	52	00C1B				
							00	45	43	41	4C	50	20	4E	00C2A				
															00C32		.ASCII	<0><0>	
															00C34	P.AGZ:	.LONG	17694757	
															00C38		.ADDRESS	P.AHA	
55	52	52	45	56	4F	20	53	55	42	20	41	54	41	44	00C3C	P.AHC:	.ASCII	\DATA BUS OVERRUN\	
															00C4B				
															00C4C	P.AHB:	.LONG	17694736	
															00C50		.ADDRESS	P.AHC	
52	52	45	20	59	52	4F	4D	45	4D	20	41	54	41	44	00C54	P.AHE:	.ASCII	\DATA MEMORY ERROR\<0><0><0>	
										00	00	00	52	4F	00C63				
															00C68	P.AHD:	.LONG	17694737	
															00C6C		.ADDRESS	P.AHE	
4E	4F	49	54	50	45	43	45	52	20	22	49	4C	50	22	00C70	P.AHG:	.ASCII	\'PLI' RECEPTION BUFFER PE\<0><0><0>	
		00	00	00	45	50	20	52	45	46	46	55	42	20	00C7F				
															00C8C	P.AHF:	.LONG	17694745	
															00C90		.ADDRESS	P.AHG	
53	53	49	4D	53	4E	41	52	54	20	22	49	4C	50	22	00C94	P.AHI:	.ASCII	\'PLI' TRANSMISSION BUFFER PE\	
		45	50	20	52	45	46	46	55	42	20	4E	4F	49	00CA3				
															00CB0	P.AHH:	.LONG	17694748	
															00CB4		.ADDRESS	P.AHI	
00	54	55	4F	20	45	4D	49	54	20	53	53	4F	52	47	00CB8	P.AHK:	.ASCII	\GROSS TIME OUT\<0><0>	
															00CC7				
															00CC8	P.AHJ:	.LONG	17694734	
															00CCC		.ADDRESS	P.AHK	
			00	00	00	45	54	41	4C	20	41	54	41	44	00CD0	P.AHM:	.ASCII	\DATA LATE\<0><0><0>	
															00CDC	P.AHL	.LONG	17694729	
															00CE0		.ADDRESS	P.AHM	
			00	52	4F	52	52	45	20	45	56	49	52	44	00CE4	P.AHO:	.ASCII	\DRIVE ERROR\<0>	
															00CF0	P.AHN:	.LONG	17694731	
															00CF4		.ADDRESS	P.AHO	
54	20	44	4E	41	4D	4D	4F	43	20	22	49	44	53	22	00CF8	P.AHQ:	.ASCII	\'SDI' COMMAND TIMEOUT\<0><0><0>	
						00	00	00	54	55	4F	45	4D	49	00D07				
															00D10	P.AHP:	.LONG	17694741	
															00D14		.ADDRESS	P.AHQ	

	00000110	8F		50	D1	00220	55\$:	CMPL	RO, #272		0541	040
				9D	12	00227		BNEQ	40\$			040
		68	0420	C9	9E	00229		MOVAB	P.AEB, MSG1			040
				78	11	0022E		BRB	69\$			040
		FC	A8	0438	C9	9E	00230	56\$:	MOVAB	P.AED, MSG	0547	040
				70	11	00236	57\$:	BRB	69\$			040
		FC	A8	044C	C9	9E	00238	58\$:	MOVAB	P.AEF, MSG	0551	040
				51	0C	AA	9A	0023E	MOVZBL	EMB+16, R1	0553	040
				01		51	91	00242	CMPB	R1, #1		040
				0E	13	00245		BEQL	59\$			041
	0065	8F		6A	B1	00247		CMPW	EMB+4, #101	0554	041	
				5C	12	0024C		BNEQ	70\$			041
	44	8F	0E	AA	91	0024E		CMPB	EMB+18, #68	0555	041	
				55	12	00253		BNEQ	70\$			041
				50	D5	00255	59\$:	TSTL	RO	0560	041	
				07	12	00257		BNEQ	61\$			041
		68	0474	C9	9E	00259		MOVAB	P.AEH, MSG1			041
				48	11	0025E	60\$:	BRB	69\$			041
		02		50	D1	00260	61\$:	CMPL	RO, #2	0561	041	
				07	12	00263		BNEQ	63\$			042
		68	0490	C9	9E	00265		MOVAB	P.AEJ, MSG1			042
				3C	11	0026A	62\$:	BRB	69\$			042
		03		50	D1	0026C	63\$:	CMPL	RO, #3	0562	042	
				07	12	0026F		BNEQ	65\$			042
		68	04AC	C9	9E	00271		MOVAB	P.AEL, MSG1			042
				79	11	00276	64\$:	BRB	76\$			042
		04		50	D1	00278	65\$:	CMPL	RO, #4	0563	042	
				07	12	0027B		BNEQ	66\$			042
		68	04D4	C9	9E	0027D		MOVAB	P.AEN, MSG1			042
				7B	11	00282		BRB	79\$			043
		07		50	D1	00284	66\$:	CMPL	RO, #7	0564	043	
				07	12	00287		BNEQ	68\$			043
		68	04F8	C9	9E	00289		MOVAB	P.AEP, MSG1			043
				7D	11	0028E	67\$:	BRB	82\$			043
		08		50	D1	00290	68\$:	CMPL	RO, #8	0565	043	
				54	19	00293		BLSS	74\$			043
		0F		50	D1	00295		CMPL	RO, #15			043
				4F	14	00298		BGTR	74\$			043
		68	0514	C9	9E	0029A		MOVAB	P.AER, MSG1	0567	043	
		08	A8	F9	A0	9E	0029F		MOVAB	-7(RO), VALUE	0568	044
		OC	A8		01	D0	002A4		MOVL	#1, VALUE_SPECIFIED	0569	044
				7F	11	002A8	69\$:	BRB	87\$	0558	044	
		02		51	91	002AA	70\$:	CMPB	R1, #2	0577	044	
				0E	13	002AD		BEQI	71\$			044
	0065	8F		6A	B1	002AF		CMPW	EMB+4, #101	0578	044	
				33	12	002B4		BNEQ	74\$			044
	54	8F	0E	AA	91	002B6		CMPB	EMB+18, #84	0579	044	
				2C	12	002BB		BNEQ	74\$			044
				50	CF	002BD	71\$:	CASEL	RO, #2043, #4	0582	044	
0089	0082	007B		0074		002C5	72\$:	.WORD	90\$-72\$,-			045
				0090		002CD			91\$-72\$,-			045
									93\$-72\$,-			045
									94\$-72\$,-			045
									95\$-72\$			045
												045
	0A	00		50	CF	002CF		CASEL	RO, #0, #10	0591	045	
002E	0027	0020		0019		002D3	73\$:	.WORD	75\$-73\$,-			045
004A	0043	003C		0035		002DB			77\$-73\$,-			045

			0E	13	00440		BEQL	131\$			
	0065	8F	6A	B1	00442		CMPW	EMB+4, #101			0660
			61	12	00447		BNEQ	141\$			
	54	8F	0E	AA	91	00449	CMPB	EMB+18, #84			0661
			5A	12	0044E		BNEQ	141\$			
	01	00	50	CF	00450	131\$:	CASEL	RO, #0, #1			0664
		000E	0006		00454	132\$:	.WORD	133\$-132\$,-			
								135\$-132\$			
			50	11	00458		BRB	141\$			0669
		68	0970	C9	9E	0045A	133\$:	MOVAB	P.AHJ, MSG1		0666
			0084	31	0045F	134\$:	BRW	153\$			
		68	0984	C9	9E	00462	135\$:	MOVAB	P.AHL, MSG1		0667
			0083	31	00467	136\$:	BRW	155\$			0659
	FC	A8	0998	C9	9E	0046A	137\$:	MOVAB	P.AHN, MSG		0680
		51	0C	AA	9A	00470		MOVZBL	EMB+16, R1		0682
		01		51	91	00474		CMPB	R1, #1		
				11	13	00477		BEQL	139\$		
	0065	8F		6A	B1	00479		CMPW	EMB+4, #101		0683
				05	12	0047E		BNEQ	138\$		
	44	8F	0E	AA	91	00480		CMPB	EMB+18, #68		0684
				03	13	00485	138\$:	BEQL	139\$		
			0088	31	00487		BRW	163\$			
			50	CF	0048A	139\$:	CASEL	RO, #1, #13			0687
0037	0D	01	0022		0048E	140\$:	.WORD	142\$-140\$,-			
0053	0030	0029	003E		00496			144\$-140\$,-			
006F	004C	0045	005A		0049E			145\$-140\$,-			
	0068	0061	0076		004A6			147\$-140\$,-			
								148\$-140\$,-			
								150\$-140\$,-			
								151\$-140\$,-			
								152\$-140\$,-			
								154\$-140\$,-			
								156\$-140\$,-			
								157\$-140\$,-			
								158\$-140\$,-			
								159\$-140\$,-			
								161\$-140\$			
		68	04	A8	D0	004AA	141\$:	MOVL	NO MSG, MSG1		0704
				60	11	004AE		BRB	162\$		
		68	09B8	C9	9E	004B0	142\$:	MOVAB	P.AHP, MSG1		0689
				1A	11	004B5	143\$:	BRB	149\$		
		68	09E0	C9	9E	004B7	144\$:	MOVAB	P.AHR, MSG1		0690
				7E	11	004BC		BRB	168\$		
		68	09F8	C9	9E	004BE	145\$:	MOVAB	P.AHT, MSG1		0691
				77	11	004C3	146\$:	BRB	168\$		
		68	0A1C	C9	9E	004C5	147\$:	MOVAB	P.AHV, MSG1		0692
				70	11	004CA		BRB	168\$		
		68	0A38	C9	9E	004CC	148\$:	MOVAB	P.AHX, MSG1		0693
				69	11	004D1	149\$:	BRB	168\$		
		68	0A64	C9	9E	004D3	150\$:	MOVAB	P.AHZ, MSG1		0694
				2F	11	004D8		BRB	160\$		
		68	0A80	C9	9E	004DA	151\$:	MOVAB	P.AIB, MSG1		0695
				79	11	004DF		BRB	172\$		
		68	0AA4	C9	9E	004E1	152\$:	MOVAB	P.AID, MSG1		0696
				72	11	004E6	153\$:	BRB	172\$		
		68	0AC8	C9	9E	004E8	154\$:	MOVAB	P.AIF, MSG1		0697
				6B	11	004E0	155\$:	BRB	172\$		

0154	0155	0156	0157	0158	0159	0160	0161	0162	0163	0164	0165	0166	0167	0168	0169	0170	0171	0172	0173	0174	0175	0176	0177	0178	0179	0180	0181	0182	0183	0184	0185	0186	0187	0188	0189	0190	0191	0192	0193	0194	0195	0196	0197	0198	0199	0200	0201	0202	0203	0204	0205	0206	0207	0208	0209	0210	0211	0212	0213	0214	0215	0216	0217	0218	0219	0220	0221	0222	0223	0224	0225	0226	0227	0228	0229	0230	0231	0232	0233	0234	0235	0236	0237	0238	0239	0240	0241	0242	0243	0244	0245	0246	0247	0248	0249	0250	0251	0252	0253	0254	0255	0256	0257	0258	0259	0260	0261	0262	0263	0264	0265	0266	0267	0268	0269	0270	0271	0272	0273	0274	0275	0276	0277	0278	0279	0280	0281	0282	0283	0284	0285	0286	0287	0288	0289	0290	0291	0292	0293	0294	0295	0296	0297	0298	0299	0300	0301	0302	0303	0304	0305	0306	0307	0308	0309	0310	0311	0312	0313	0314	0315	0316	0317	0318	0319	0320	0321	0322	0323	0324	0325	0326	0327	0328	0329	0330	0331	0332	0333	0334	0335	0336	0337	0338	0339	0340	0341	0342	0343	0344	0345	0346	0347	0348	0349	0350	0351	0352	0353	0354	0355	0356	0357	0358	0359	0360	0361	0362	0363	0364	0365	0366	0367	0368	0369	0370	0371	0372	0373	0374	0375	0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	0400	0401	0402	0403	0404	0405	0406	0407	0408	0409	0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	0450	0451	0452	0453	0454	0455	0456	0457	0458	0459	0460	0461	0462	0463	0464	0465	0466	0467	0468	0469	0470	0471	0472	0473	0474	0475	0476	0477	0478	0479	0480	0481	0482	0483	0484	0485	0486	0487	0488	0489	0490	0491	0492	0493	0494	0495	0496	0497	0498	0499	0500	0501	0502	0503	0504	0505	0506	0507	0508	0509	0510	0511	0512	0513	0514	0515	0516	0517	0518	0519	0520	0521	0522	0523	0524	0525	0526	0527	0528	0529	0530	0531	0532	0533	0534	0535	0536	0537	0538	0539	0540	0541	0542	0543	0544	0545	0546	0547	0548	0549	0550	0551	0552	0553	0554	0555	0556	0557	0558	0559	0560	0561	0562	0563	0564	0565	0566	0567	0568	0569	0570	0571	0572	0573	0574	0575	0576	0577	0578	0579	0580	0581	0582	0583	0584	0585	0586	0587	0588	0589	0590	0591	0592	0593	0594	0595	0596	0597	0598	0599	0600	0601	0602	0603	0604	0605	0606	0607	0608	0609	0610	0611	0612	0613	0614	0615	0616	0617	0618	0619	0620	0621	0622	0623	0624	0625	0626	0627	0628	0629	0630	0631	0632	0633	0634	0635	0636	0637	0638	0639	0640	0641	0642	0643	0644	0645	0646	0647	0648	0649	0650	0651	0652	0653	0654	0655	0656	0657	0658	0659	0660	0661	0662	0663	0664	0665	0666	0667	0668	0669	0670	0671	0672	0673	0674	0675	0676	0677	0678	0679	0680	0681	0682	0683	0684	0685	0686	0687	0688	0689	0690	0691	0692	0693	0694	0695	0696	0697	0698	0699	0700	0701	0702	0703	0704	0705	0706	0707	0708	0709	0710	0711	0712	0713	0714	0715	0716	0717	0718	0719	0720	0721	0722	0723	0724	0725	0726	0727	0728	0729	0730	0731	0732	0733	0734	0735	0736	0737	0738	0739	0740	0741	0742	0743	0744	0745	0746	0747	0748	0749	0750	0751	0752	0753	0754	0755	0756	0757	0758	0759	0760	0761	0762	0763	0764	0765	0766	0767	0768	0769	0770	0771	0772	0773	0774	0775	0776	0777	0778	0779	0780	0781	0782	0783	0784	0785	0786	0787	0788	0789	0790	0791	0792	0793	0794	0795	0796	0797	0798	0799	0800	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810	0811	0812	0813	0814	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824	0825	0826	0827	0828	0829	0830	0831	0832	0833	0834	0835	0836	0837	0838	0839	0840	0841	0842	0843	0844	0845	0846	0847	0848	0849	0850	0851	0852	0853	0854	0855	0856	0857	0858	0859	0860	0861	0862	0863	0864	0865	0866	0867	0868	0869	0870	0871	0872	0873	0874	0875	0876	0877	0878	0879	0880	0881	0882	0883	0884	0885	0886	0887	0888	0889	0890	0891	0892	0893	0894	0895	0896	0897	0898	0899	0900	0901	0902	0903	0904	0905	0906	0907	0908	0909	0910	0911	0912	0913	0914	0915	0916	0917	0918	0919	0920	0921	0922	0923	0924	0925	0926	0927	0928	0929	0930	0931	0932	0933	0934	0935	0936	0937	0938	0939	0940	0941	0942	0943	0944	0945	0946	0947	0948	0949	0950	0951	0952	0953	0954	0955	0956	0957	0958	0959	0960	0961	0962	0963	0964	0965	0966	0967	0968	0969	0970	0971	0972	0973	0974	0975	0976	0977	0978	0979	0980	0981	0982	0983	0984	0985	0986	0987	0988	0989	0990	0991	0992	0993	0994	0995	0996	0997	0998	0999	1000
TIMCMP LIS	TUTAPE LIS	SBI LIS	STSEVENT LIS	TRNS BITS LIS	UBAERR LIS	TIMRB LIS	LBA LIS	TU8 LENSE LIS	UNDEFINED LIS	SYSPURFL LIS	SUMMARY LIS	UNKN DISP LIS	SHRVECTOR LIS	SYSTARTUP LIS	TOF LIS	TSTAPE LIS	LIBAINT LIS	UNKNOWN LIS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												