```
DAI BASIC V1.1 MODIFICATIONS Rev.1
PAGE 01
002
                    *
003
                    *
004
                        _______
005
                    *** UPDATES in BASIC version V1.1 ***
004
                        ______
007
600
                    * The differences in BASIC V1.1 from V1.0 are given.
009
                    *
010
                                : Indicates a total change of instruction
                        3
011
                                : Indicates only a corrected jumpaddress
012
                                  due to a move of the original routine.
013
                        No mark: Instructions only moved to other
014
                                  memory addresses (Mostly to obtain
015
                                  space for new routines).
016
017
018
                    ************
019
                     * INTEGER COMPARE *
020
                    ************
021
022
                    * The temporary storage register E (sign byte) is
023
                     * cleared to avoid problems when using the combined
024
                     * FPT/INT exit LC27. This is done to remove a bug in
025
                     * comparing 2 relational numeric operations. The
026
                     * unitary operator '-' is now recognised correctly.
027
028
                             ORG
                                   : COB4
029
                             JMP
                                   :DICB
                                             1
030 COB4 C3C8D1
031
                             ORG
                                   : D1C8
032
                                             ] Get signbyte in A
033 D1C8 7B
                             MOV
                                   A.E
                                             ] Clear E
                             IVM
                                   E.:00
034 D1C9 1E00
                                   : CO8C
                                             ] Compare if both nrs same
                             JP
035 D1CB F28CC0
036
                                             J Else: abort
                             JMP
                                   : COA4
037 DICE C3A4C0
038
                     *******
039
                     * RESET *
040
                     *****
041
042
                      - Now switches off the volume of sound channel 2
043
                         during initialisation. This seems useless,
044
                     *
                         because in C76C all sound is already switched
045
                         off.
                     *
046
                      - The header is changed to 'BASIC V1.1'
047
048
                             ORG
                                   : C789
049
                                                Volume SCB2 = 0
                             STA
                                   :01E4
                                             3
050 C789 32E401
                                   :028F
                             STA
051 C78C 328F02
                             LXI
                                   D.: 0275
052 C7BF 117502
                             LXI
                                   H.: 028F
053 C792 218F02
                                   : DE7C
                             CALL
054 C795 CD7CDE
                             EI
055 C798 FB
                             RST
                                   1
056 C799 CF
                                   : 15
                             DATA
057 C79A 15
058
                                   : C7DD
                             DRG
059
                                             ] Header changed to V1.1
                                   :31
                             DATA
060 C7DD 31
061
062
```

063

```
DAI BASIC V1.1 MODIFICATIONS Rev. 1
PAGE 02
                     **************
064
                     * START FROM SCRATCH *
065
                     **************
066
067
                     * Added is the reset of all keyboard pointers at
068
                     * various moments:
069
                     * - When restarting the Basic interpreter.
070
                     * - After command execution. Then also the output
071
                         direction is reset to screen (to avoid a not
072
                         useable keyboard).
073

    Idem before executing 'break'.

074
                     * Resetting the keyboard pointers clears the key
075
                     * input buffer in order to avoid keybounce.
076
077
                             ORG
                                   :C827
078
                                              ] Keyb. pntrs to default
                             CALL
                                   : D563
079 C827 CD63D5
                             LXI
                                   H.:0000
080 C82A 210000
                             SHLD
                                   :0100
081 C82D 220001
                             SHLD
                                   :0104
082 C830 220401
                                   :0113
                             SHLD
083 C833 221301
                             MOV
                                   A.H
084 C836 7C
                             STA
                                   :0122
085 C837 322201
086
                             ORG
                                   :C897
087
                             LXI
                                   H.: 02C4
088 C897 21C402
                                              ] Get break flag
                             MOV
                                   A,M
089 C89A 7E
                             DRA
090 C89B B7
                                   :C87F
                             .17
091 C89C CA7FC8
                                              ] Keyb.pntrs to default
                                   : D563
092 C89F CD63D5
                             CALL
                             XRA
                                   A
093 CBA2 AF
                                              ] Output to screen
                             STA
                                   :0131
094 CBA3 323101
095
                             ORG
                                   : CBAC
096
                                              ] Keyb.pntrs to default,
                             JZ
                                   : C89F
097 CBAC CA9FCB
                                              output to screen
098
099
                     ****************
100
                     * EMERGENCY STOP ROUTINE *
101
                     ****************
102
103
                     * No change in execution, only using a new entry on
104
                     * 'Run NEW'.
105
106
                                   :CA25
                             ORG
107
                                              Run NEW with default heap
                             CALL
                                   : DEBO
108 CA25 CDBODE
109
                     *******
110
                     * RUN NEW *
111
                     ********
112
113

    An additional entry is made for run NEW with

114
                         returning the heapsize to its default value.
115
                         In BASIC V1.0, this entry was available on
                     *
116
                         #CEC6.
117
                      - All jumps/calls to RNEW with other heapsizes
118
                         are updated.
119
120
                                   : DEBO
                             DRG
121
                                   H,:0100
122 DEBO 210001
                             LXI
                                              ] Set heap to default size
                                    :029D
123 DEB3 229D02
                             SHLD
                             NOP
124 DEB6 00
```

NOP

125 DEB7 00

Into RNEW

```
126
                                  :C778
                            ORG
127
                            CALL
                                 : DEBB
128 C778 CDB8DE
129
                            DRG
                                  : CF02
130
                                  : DEB8
                            DBL
131 CF02 BBDE
132
                            ORG
                                 : D2A9
133
                            CALL : DEB8
134 D2A9 CDBBDE
135
                    ********
136
                    * RUN SAVE *
137
                    ********
138
139
                    * Instructions only moved.
140
141
142
                            ORG
                                  : D257
                            MVI
                                  A.:30
143 D257 3E30
                            CALL
                                  :0205
144 D259 CDC502
                                  Н
145 D25C E1
                            POP
                            POP
                                  D
146 D25D D1
                                  :0208
147 D25E CDC802
                            CALL
                            POP
148 D261 D1
                            JMP
                                  : D7D8
149 D262 C3DBD7
150
151
                    ********
                    * RUN LOAD *
152
                    *******
153
154
                    * Instructions only moved.
155
156
                            ORG
                                  :D274
157
158 D274 CD23CB
                            CALL
                                 : CB23
                            CALL
                                  :E791
159 D277 CD91E7
160 D27A C5
                            PUSH
                                 B
161
                                  :CF16
                            ORG
162
163 CF16 74D2
                            DBL
                                  :D274
164
                    *****
165
                    * RUN CHECK *
166
                    ******
167
168
                    * CALL : D7E6 is replaced by the contents of D7E6.
169
                    * No change in execution.
170
171
                            ORG
                                 : D2C9
172
173 D2C9 CDCE02
                            CALL : 02CE
                            CPI
                                  :33
174 D2CC FE33
                            JNC
                                  :DZEB
175 D2CE D2EBD2
                            INR
                                  C
176 D2D1 OC
177 D2D2 3E00
                                 A.:00
                                            1 Old contents
                            MVI
                                            1 D7E6
                                  :02D7
178 D2D4 CDD702
                            CALL
                            NOP
179 D2D7 00
180
                    ***************
181
                    * PRINT MESSAGE ON NEW LINE *
182
                    **********
183
184
                    * New routine. It moves the cursor to a new line
185
                    * before a message is printed. Used for printing
186
```

* 'STOPPED IN LINE ...' and 'END PROGRAM'.

```
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```

```
188
189
                             ORG
                                   : D7E6
190 D7E6 CD55DD
                             CALL
                                             I Cursor to column 0
                                   : DD55
191 D7E9 C3FFDA
                             JMP
                                   1 DAFF
                                             1 Print message
192
193
                    * RSTOP:
194
                           ORG
                                   : DF03
195
                             CALL
196 DF03 CDE6D7
                                  : D7E6
197
198
                    * REND:
199
                             ORG
200
                                   : DFOC
201 DFOC CDE6D7
                             CALL : D7E6
                                             1
202
                    ***********
203
204
                     * FAST PRINTING *
                     ***********
205
206
207
                     * Instruction only moved.
208
                                   :D7EC
209
                             ORG
210 D7EC E5
                             PUSH
211
212
                             ORG
                                   : D3CC
213 D3CC C4ECD7
                             CNZ
                                   :D7EC
214
                             ORG
215
                                   : D78D
216 D78D C3ECD7
                             JMP
                                   :D7EC
217
                    ***************
218
219
                    * READ BLOCK FROM TAPE *
220
                    ********
221
                    * Now cassette motors are switched off directly
222
223
                    * after reading is finished.
224
                    * Especially in LOADA, switching off the cassette
                    * motors after re-arranging all data was very
225
                    * annoying.
226
227
228
                             ORG
                                   : D89A
229 D89A C365D2
                             JMP
                                   : D265
                                             3
230
231
                             ORG
                                   : D265
232 D265 D2B3D2
                             JNC
                                   : D2B3
                                             1 Evt run loading error
233 D268 C3D402
                             JMP
                                   : 02D4
                                             1 Stop cassette motors
234
235
                    ************
236
                    * INPUT TEXT LINE *
237
                    ***********
238
239
                    * Added: Output back to screen if break pressed.
240
                    * This avoids a not-useable keyboard on return.
241
242
                                   : DD2D
                            ORG
243 DD2D DA36CD
                             JC
                                   : CD36
                                             ] Jump if break pressed
244
245
                                   : CD36
                            ORG
                                             3 A=0
246 CD36 AF
                             XRA
                                   Α
247 CD37 C35AD5
                            JMP
                                   : D55A
                                             3
248 CD3A FF
                            DATA
                                   :FF
                                             3
249 CD3B FF
                            DATA
                                   :FF
                                             1
```

```
250
                             ORG
                                   : D55A
251
                                              ] Output to screen
                             STA
                                   :0131
252 D55A 323101
                                              ] Ignore line if break
                                   : DD49
253 D55D C349DD
                             JMP
                                              pressed
254
255
                     ************
256
                     * MULTIPLY HL * A *
257
                     ************
258
259
                      Routine only moved.
260
261
                                    : DE9C
                             ORG
262
                             JC
                                    : DEA9
263 DE9C DAA9DE
                             ORA
264 DE9F B7
                                    : DEAC
                             17
265 DEAO CAACDE
                             XCHG
266 DEA3 EB
                             DAD
267 DEA4 29
                             XCHG
268 DEAS EB
                             JNC
                                    : DE96
269 DEA6 D296DE
270 DEA9 D1
                             POP
                                    D
                                    PSW
                             POF
271 DEAA F1
272 DEAB C9
                             RET
273 DEAC D1
                             POP
                                    D
                             POP
                                    PSW
274 DEAD F1
                             CMC
275 DEAE 3F
                             RET
276 DEAF C9
277
                     *******
278
                     * RUN RUN *
279
                     ********
280
281
                     * The sequence of the instructions is modified.
282
                     * This enables RUN <linenr> to be used without
283
                     * destroying the contents of heap and symtab.
284
285
                                    :DF9E
                             ORG
286
                                              Empty heap and symtab
                             CALL
                                    : CB23
287 DF9E CD23CB
                                   :029F
                                              Get start textbuf
                             LHLD
288 DFA1 2A9F02
                                              ) in BC
                             MOV
                                    B.H
289 DFA4 44
                             MOV
                                    C.L
                                              )
290 DFA5 4D
                                    :E401
                                              Run RESTORE
291 DFA6 CD01E4
                             CALL
                             LXI
                                    H.:0000
292 DFA9 210000
                             SHLD
                                    :0115
                                              Reset step/trace flag
293 DFAC 221501
                                    A
294 DFAF AF
                              XRA
                                              No suspended program
                             STA
                                    :0126
295 DFB0 322601
                             LXI
                                    SP,:F900
                                              Reset SP
296 DFB3 3100F9
297
                     * RUN <linenr> :
298
299
                              DRG
                                    : DFBD
300
                                               ! Process RUN
                              JMP
                                    : DFA4
301 DFBD C3A4DF
302
                     ************
303
                     * STORE DATA (READ, INPUT) *
304
                     ****************
305
306
                       Handle string inputs (no change):
307
308
                                    :E385
                              ORG
309
                                               1 Only JZ :E3A2 replaced
                              CZ
                                    :E4BB
310 E385 CCB8E4
                                                        by its contents
                                              1
311 E388 C4B4E4
                              CNZ
                                    :E4B4
```

```
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312
                     * Error exit changed: Now checks if end of input
313
                    * is reached. EFEPT is only updated if not running
314
                    * inputs (anymore).
315
316
                             ORG
                                   :E390
317
                                              ] Read next data if no error
                                   :E367
                             JΖ
318 E39C CA67E3
                                              If error: Get 'run-input'
                             LDA
                                   :0117
319 E39F 3A1701
                                             flag
320
                             CALL
                                   :E3C3
                                              3
321 E3A2 CDC3E3
                                              ] Run 'SYNTAX ERROR'
                                   : DAOB
                             JMP
322 E3A5 C30BDA
                                   :E3C3
                             ORG
324
                                              ] Set flags
                             ANA
                                   A
325 E3C3 A7
                                              ] Abort if running inputs
326 E3C4 CO
                             RNZ
                                             Get EFEPT
                                   :0132
                             LHLD
327 E3C5 2A3201
                                   D,:FFFC
                             LXI
328 E3C8 11FCFF
                             DAD
                                              -4
329 E3CB 19
                                             Set start current line
                                   :0100
                             SHLD
330 E3CC 220001
                             RET
331 E3CF C9
332
                     ***************
333
                     * PREPARE GETTING INPUTS *
334
                     **********
335
336
                     * The keyboard pointers are set to their default
337
                     * values before inputs are asked. This avoids
338
                     * keybounce.
339
340
                             ORG
                                   :E447
341
342 E447 221D01
                             SHLD
                                   :011D
                                              ] Init keyb pntrs
                                   : D563
                             CALL
343 E44A CD63D5
                             MVI
                                   A,:FF
344 E44D 3EFF
                                   :0117
                             STA
345 E44F 321701
                             JMP
                                   :E3D0
346 E452 C3D0E3
347
                     ************
348
                     * cont. of 0E401 *
349
                     ************
350
351
                      Instruction only moved.
352
353
                             STA
                                   :0123
354 E455 322301
                             RET
355 E458 C9
                             DATA
                                   :FF
356 E459 FF
357
                             ORG
                                   :E409
358
                             JMP
                                   :E455
359 E409 C355E4
360
                     *********
361
                     * RUN CLEAR *
362
                     *********
363
364
                     * Routine is completely modified.
365
                     * Max. useable heap space in V1.0 was #7FFF-4.
366
                     * Now it is #7FFF.
367
                     * Doesnot set up anymore a complete new heap, but
368
                     * just empties heap and symboltable entries and
369
                       shifts the program to after the new heap.
370
```

: E6B5

: E6F8

] Get read space in HL

ORG

CALL

371

372

373 E6B5 CDF8E6

```
PUSH
                                    H
                                               ] Proserve it
374 E6BB E5
                              MOV
                                    A.H
                                               ] Get hibyte in A
375 E6B9 7C
                                    H
                              DCX
                                               3
376 E6BA 2B
                                               1
                              DCX
                                    H
377 E6BB 2B
                                               1
                              DCX
                                    H
378 E6BC 2B
                              DCX
                                    H
                                               J Reqd space -4
379 E6BD 2B
                              DRA
                                    H
380 E6BE B4
                                               ] Run 'NUMBER OUT OF RANGE'
                                    : DA15
381 E6BF FA15DA
                              JM
                                               error if \langle 4 \text{ or } \rangle 32K.
382
                              POP
                                               ] Get reqd space in DE
                                    D
383 E6C2 D1
                              LHLD
                                    :029D
                                               ] Get old heapsize
384 E6C3 2A9D02
                              XCHG
385 E6C6 EB
386 E6C7 229D02
                              SHLD
                                    :029D
                                               ] Store new heapsize
                              JMP
                                    :D214
                                               1
387 E6CA C314D2
                                    :FF
                                               1
                              DATA
388 E6CD FF
389
                              ORG
                                    :D214
390
                                               1 Calc difference old/new
                              CALL
                                    :DE1A
391 D214 CD1ADE
                                               ] Preserve result
                              PUSH
                                   Н
392 D217 E5
                                               ] Empty heap and symtab,
                                    :CB23
393 D218 CD23CB
                              CALL
                                               move program to after heap
394
                                               Get potr to current line
                                    :0100
395 D21B 2A0001
                              LHL.D
                              MOV
396 D21E 7C
                                    A.H
397 D21F B5
                              ORA
                                    L
                                               Get difference
                              POP
                                    D
398 D220 D1
                                               Abort if direct cmd
                              RZ
399 D221 C8
                                               ] Add difference to pntr
400 D222 19
                              DAD
                                    D
                                               current line
401
                              JMP
                                    : CEBB
                                               7
402 D223 C3BBCE
                                               3
                              DATA
                                    :FF
403 D226 FF
404
                              ORG
                                    : CEBB
405
                                               1 Update pntr
                              SHLD
                                   :0100
406 CEBB 220001
                                               1 Run RESTORE
                                    :E401
                              CALL
407 CEBE CD01E4
                                               ] Preserve difference
                              PUSH
                                    D
408 CEC1 D5
                              JMP
                                    : D87F
                                               7
409 CEC2 C37FD8
410
                                    : D87F
                              ORG
411
                                               ] Get difference
                              POP
412 D87F E1
                                    н
                              DAD
                                    B
                                               1 Add textpntr
413 D880 09
                                               ] New textpntr in BC
                              MOV
                                    B,H
414 D881 44
                                               1
415 D882 4D
                              MOV
                                    C,L
                                               ] No special action
                              ORA
416 DBB3 B7
                                    A
417 D884 C9
                              RET
                                               1
                              DATA
                                    :FF
418 D885 FF
419
                     *********
420
                     * RUN A VARIABLE POINTER *
421
                     ****************
422
423
                     * This enables the use of DIM (255,255). In Vi.O,
424
                     * the max. dimension was 254.
425
426
                                    : E9BE
                              DRG
427
                                               1 Another calculation
428 E9BE CDFOED
                              CALL
                                    :EDF0
                                               routine is used
429
430
                     *********
431
                     * RUN GETC *
432
                     *******
433
434
```

* Better entry to keyboard scan routine to

435

```
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PAGE 08
436
                     * avoid keybounce.
437
                              ORG
438
                                     : EB75
                                                3
                              XRA
439 EB75 AF
                              STA
                                     :02B9
                                                1 Clear breakflag
440 EB76 32B902
                                                J Run GETC
                              CALL
441 EB79 CDBED6
                                     : D6BE
442
                              DRG
                                     : EA04
443
444 EA04 756B
                              DBL
                                     : 6875
                                                1
445
                     ********
446
                     * RUN TAB *
447
                     *******
448
449
                     * The old routine worked only for DOUTC=0. Now
450
                     * DOUTC is not checked anymore, but the Z-flag
* set by CE60 is evaluated. If Z=1 (all O.K.),
451
452
                     * the TAB-instruction is executed. If Z=0, then
453
                     * the number of tab's is not correct. Then only
454
                     * one space is printed.
455
                     *
456
                              DRG
                                     : EAA5
457
                              RAR
                                                ] Dummy to preserve Z-flag
458 EAA5 1F
459
460
                     ********
                     * RUN INT *
461
                     *******
462
463
                     * Running INT on a number with value 0 gave as
464
                      * result: -1. Now this failure is corrected.
465
466
                                     :EB90
                              ORG
467
                                    H.: 0129
                              LXI
468 EB90 212901
                              RST
                                                ] Copy MACC to WORKE
469 EB93 E7
                                                J
470 EB94 OF
                              DATA
                                    : OF
                                                3
                              POP
                                     В
471 EB95 C1
472 EB96 E7
                              RST
                                     4
                                                J MACC = INT (MACC)
                                                ] for FPT number
473 EB97 1E
                              DATA
                                     : 1E
                                                ] Set flags on exp byte
474 EB98 B7
                              ORA
                                     Α
475 EB99 FO
                              RP
                                                ] Ready if nr positive
                              JMP
                                     : CEC5
476 EB9A C3C5CE
477
478
                              ORG
                                     : CEC5
                                                ] FPT compare nrs in MACC
479 CEC5 CDOCCO
                              CALL
                                     : COOC
                                                and in WORKE
480
481 CEC8 21F1D0
                                     H.: DOF1
                                                ] Addr FPT (-1)
                              LXI
                                                ] Ready if nr = 0
482 CECB C8
                              RZ
                                                ] Add (-1) to MACC if nr <0
                                     4
483 CECC E7
                              RST
                                                3
484 CECD 00
                              DATA
                                     :00
                                                1
485 CECE C9
                              RET
486
487
                     ************
                      * part of RUN TALK *
488
                     ***********
489
490
                     * A bug is removed, caused by XCHG in #EC71. The
491
                     * return from #EC78 (JMP CD67) could not be executed
492
                     * correctly, because of a wrong address stored in
493
                     * the HL-registers. This problem existed only for
```

* the 'TALK'-codes #OC (wait) and #OD (ML call).

* Entry: DE: Wait time or address ML-routine.

494

495 496

497

```
DAI BASIC V1.1 MODIFICATIONS Rev.1
PAGE 09
```

559 EFCF C394E6

```
498
                                    :EC71
                              ORG
499
                                               ] If to be waited
500 EC71 CCCCDA
                              CZ
                                    : DACC
                                               ] Goto MLP address
                              CNZ
                                    :CD62
501 EC74 C462CD
                                               Handle next code
                              JMP
                                    : CD67
502 EC77 C367CD
                              DATA
                                    :FF
503 EC7A FF
504
                     * If wait:
505
                     * As old routine, but HL replaced by DE.
506
507
                              ORG
                                    : DACC
508
                                               1
                              DCX
                                    D
509 DACC 1B
                                               J
510 DACD 7A
                              MOV
                                    A, D
                              ORA
                                               1
511 DACE B3
                                    E
                                               ] Wait for DE=0
512 DACF C2CCDA
                              JNZ
                                    : DACC
                                               1
                              RET
513 DAD2 C9
                                               1
514 DAD3 FF
                              DATA
                                    :FF
515
                     * To enable ML call:
516
517
                              ORG
                                    :CD62
518
                                               1 Address MLP on stack
                              PUSH
                                    D
519 CD62 D5
                                               J Go to it
                              RET
520 CD63 C9
521
                     **************
522
                     * TEST A FPT VARIABLE *
523
                     **************
524
525
                     * The old routine tested all bytes of the FPT nr.
526
                       Now only the exponent byte and the hibyte of the
527
                     * mantissa is tested. In this way, very small FPT
528
                     * numbers are considered to be zero.
529
530
                                    :EC91
                              ORG
531
                                               1 Abort if A and B are 0
532 EC91 CA98EC
                              JZ
                                    :EC98
                                               J Exp byte in A
                              MOV
                                    A.E
533 EC94 7B
                                               J Clear CY-flag
534 EC95 F601
                              ORI
                                    :01
                                               1
535 ED97 00
                              NOF
536
537
                           ----------
538
                     ***** ROM BANK 1 *****
539
                           ______
                     *
540
541
542
                     *******
543
                     * FPT EXP *
544
                     ********
545
546
                     * Test for overflow is modified. Overflow occurs
547
                     * for e^X when -45 < X < 43.6.
548
                     * This is checked now before exponent routine is
549
                     * entered.
550
                     *
551
                              ORG
                                    : E688
552
                                    :EFC9
                                               J
                              JZ
553 E688 CAC9EF
554
                              ORG
                                    :EFC9
555
                                               ] Get lobyte MACC
                              MOV
                                    A, D
556 EFC9 7A
                                               ] Check for max. value
                                    : CO
                              ANI
557 EFCA E6CO
                                               ] Jump if nr too big
558 EFCC C28BE6
                              JNZ
                                    : E68B
                                    :E694
                                               1 If D.K.
                              JMP
```

```
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560
                    ******
561
                    * LOADA *
562
                    ******
563
564
                    * Switching off the cassette motors is now part of
565
                    * D897. So the cassette motors are switched off
566
                    * directy after the reading from tape is done.
567
568
                                  : EE6B
                            ORG
569
                            JMP
                                  :EE32
                                            ] Adapted to new situation
570 EE6B C332EE
571
572
                    *
                         -------
573
                    **** ROM BANK 2 ****
574
                         _____
                    *
575
576
577
                    ******
578
                    * WINDOW DOWN *
579
                    ******
580
581
                    * A bug which let the cursor disappear sometimes is
582
                    * removed.
583
584
                            ORG
                                  : ECB6
585
                                            ] Get offset top of window
                                  :00A9
                            LHLD
586 ECB6 2AA900
                                            from start buffer
587
                            XCHG
                                            ] in DE
588 ECB9 EB
                                            3
                                  : D26B
589 ECBA CD6BD2
                            CALL
                                            Then cursor down
                            CM
                                  : EDAB
590 ECBD FCABED
591
                                  : D26B
                            ORG
592
                                            ] Get Y-offset cursor in
                            LHLD
                                  : OOAC
593 D26B 2AACOO
                                            document
594
                                            3 HL=HL-DE
                                  :E6F2
595 D26E CDF2E6
                            CALL
                                            1 -1
                            DCR
                                  L
596 D271 2D
                                            ] Set 'window changed' flag
                            STC
597 D272 37
                                            3
                            RET
598 D273 C9
599
600
                         ______
601
                    ***** ROM BANK 3 *****
602
                    *
603
604
605
                    *****************
606
                    * ERROR EXIT 'ENCODE INT NR INTO EBUF *
607
                    ****************
608
609
                                  : E8B7
                            ORG
610
                                            ] (0) Addr routine 'STORE
                                  H,:E39F
                            LXI
611 E8B7 219FE3
                                            DATA?
612
                                            ] Preserve it as returnaddr
                                  Н
                            PUSH
613 E8BA E5
                                            1 Get POROM
                                  :0040
                            LDA
614 EBBB 3A4000
                                            3 Select bank 0
                            ANI
                                  : 3F
615 EBBE E63F
                                  PSW
                                            3
                            PUSH
616 EBC0 F5
                                            ] Bank return
                                  : C6E6
617 E8C1 C3E6C6
                            JMP
618
619
```

END

620

621 E8C4