A list of typesetting and other errors in The Complete Spectrum ROM Disassembly
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This list was started at the same time as as the first collaborative attempt
to produce an on-line version of the above book.

Under the guidance of Chris Cowley, a second attempt is now almost complete
and you will be able to find pointers to the finished work by looking
in the archive of newsgroup comp.sys.sinclair

Page 4.
----
last letter on third row of table (a) is printed as "K" but should fairly
obviously be printed as "X".

Page 39.

0BD3 PO-ALL-6   should be labelled
0BD3 PR-ALL-6

Page 41.

            CALL 0601,CHAN-OPEN   should be
            CALL 1601,CHAN-OPEN

Page 49.

            LD (PR-CC),L   should be
            LD (PR-CC_lo),L

Page 69.

1961 LINE-NO-A   should be
1691 LINE-NO-A

Page 73.

            SET 0,(FLAGS)   should be
            SET 0,(TV-FLAG)

            RES 0,(FLAGS)   should be
            RES 0,(TV-FLAG)

Page 75.

            LD E,+01
1835 LIST-ALL   CALL 1855,OUT-LINE
                                      should be
1833 LIST-ALL   LD E,+01
1835 LIST-ALL-1 CALL 1855,OUT-LINE

                                      and the 3 references to 1835 be updated
                                      accordingly.

Page 79.

196D   OUT-CH-3   should be
196C   OUT-CH-3

Page 82.

```
               JP C,1C8A,REPORT-C      should be
1A15 E-L-1     JP C,1C8A,REPORT-C
```

Page 85.

```
1AC8 P-READ                           should be
1AC9 P-READ
```

Page 87.

```
               JP C,18CA,REPORT-C      should be
               JP C,1C8A,REPORT-C
```

Page 102.

```
1EDC CLEAR-3                           should be
1EDC CLEAR-2
```

Page 109.

```
2096 INPUT-1   LD (DF-SZ),+01          should be
2096 INPUT-1   LD (TV-FLAG),+01
```

Page 123.

    Calculator stack is wrong at the first subtract. Soon corrected.

Page 124.

```
    DEFB +C3,st-mem-3            (comment refers to mem-4)
```

Page 128.

```
25AF S-SCRN-LP                        should be
254F S-SCRN-LP
```

Page 172.

```
               AND A                   should be
2F46 PF-NOT-E  AND A
```

Page 202.

```
               JP 2D2B                 should be
34E4 USR-STACK JP 2D2B
```


Page 230.

The Number -65536
=================

On Page 230 is a suggested solution to the -65536 problem which successfully
detects when 00 FF 00 00 00 arises in the registers.
The solution attempts to replace this with 91 80 00 00 00, the full floating
point form, but only the first two bytes are written to the calculator stack.
The solution wrongly assumes that the other bytes of the stack's mantissa are

already zero like those in the registers.
A corrected solution is contained in Ian Collier's debugged imcrom and the
accompanying documentation. This manages to implement the correction in full
without altering main addresses.

It is also suggested that if the above fix is made then the five bytes at
$30E5 can be removed as 00 FF 00 00 00 will no longer arise.

The bytes can still arise as the result from the multiplication of two
small integers e.g. 0 * -1 . Only the floating-point form of multiplication
detects if one of the arguments is zero and returns five zeros.
Without these important five bytes then 0 * -1 returns the result -1E38.

On Page 22 at SA_V_NEW it is indicated that a Syntax path error exists.
In fact because LOOK-VARS returns NC in Syntax time, this is the convergence
of two runtime paths.

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WinZ80
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The Windows version of the Z80 Emulator contains a debugger which allows you
to singlestep through the ROM and elsewhere.
Legalized versions the labels from The Complete Spectrum ROM Disassembly are
shown at the appropriate places. *

A few of the mistakes above have found their way into the initial labels.asm
file and it is worth correcting the following.

list_all	equa	1833,0
list_all_1	equa	1835,0
out_ch_3	equa	196C,0
clear_2	equa	1edc,0
pf_not_e	equa	244c,0

and also,

close	equa	16e5,0
dim	equa	2c02,0

* As part of the process of converting disassembly labels to assembly labels
the duplicate labels KEY-DONE and S-RPORT-C have had their second occurrences
renamed.

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All additions and corrections to this Website are gratefully received.
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