ERRATA IN ELLIOTT 900 TECHNICAL MANUAL

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This document lists errors and inconsistencies found in the Elliott Technical Manual.

VOLUME 1: FUNCTIONAL SPECIFICATION

No errors found.

VOLUME 2: PROGRAMMING

BINDER 2A

SECTION 2.1.1: MASIR

Chapter 3.2.2, 3.2.3

The MQCHOP and QFPCALL macros are not recognized by MASIR Issue 3.

SECTION 2.1.2: ALGOL

Page 29. Chapter 3.4.2.1 Scalar Parameters. It is not stated that if a constant is passed by name, bit 17 will be set in the address word.

Page 31. Chapter 3.4.3 Rules of SIR Blocks. It is not stated that the facility LABEL=n can be used, <u>provided</u> it occurs before the first reference to LABEL. (This is due to a restriction in the ALGOL Loader.)

Page 35. Chapter 3.4.6 Switch Parameters. In the example, /0 6 should be replaced by /0 9.

Page 36. In list of available interpreter subroutines, subroutine 28 (R1^I1) does not work due to a bug in the ALGOL interpreter.

Appendix 4, Page 7. Chapter 2.3 The Library. "OUTSTRING" is misspelled "OUTSPRING".

Appendix 5, Page App. 5-5, Table 3

For Issue 5 ALGOL Interpreters, input routines are required to leave the input character in both location BUFFER+5 and 73.

For Issue 6 ALGOL Interpreters, input routines are required to leave the input character in both location BUFFER+5 and 173.

Appendix 5, Page App. 5-6, Table 4

In the description of how to write an input routine for the Issue 5 ALGOL system, ICHLNK is at location 130 not 129 (i.e., the same as PCHLNK).

Section 2.1.3: FORTRAN

Page 55

The example has several flaws:

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1. The function name MXTRCE implies an integer
   function, but a real result is returned.
2. No check is made to ensure IBOUND is within the
   bounds of the array parameter.

BINDER 2B

Section 2.2.6 QOUT1

Page 3
In the example of outputting a faction, QOUT1 Issue 4
produces, QOUT1 produces ss3.5 (where s denotes 'space')
rather than 3.570. The example is in error.
For the fifth item in the table of example outputs, QOUT1
Issue 4 produces -.517677 not -.517682. (The error is in
the example: -.517667 is the nearest 18 bit binary
fraction to -.517682).

BINDER 2C

Section 2.6.1: PERT

Due to a program bug, PERT puts the date in page heads on
character too far to the right rather than being aligned
as shown in the examples.

VOLUME 3: OPERATING INSTRUCTIONS
No errors found

VOLUME 4: ENGINEERING MAINTENANCE

PART   4: PERIPEHERAL EQUIPMENT
SECTION 1: 9kc/s Magnetic Tape (DPA 341 to 344)

Appendix 1: XMT70

Chapter 3.2, page 2

To read from paper tape it is necessary to set the paper
tape station SELECT switch to "READER" and to enter at
location 22, not 23 as stated. (If the SELECT switch is
at "AUTO", the program will attempt to read from the
teleprinter)

Appendix 2: XMT71

Page 9

Test 30 only writes ONE zero character, not three as
specified, but this has no practical impact on the test
itself.

Appendix 3: XMT72

Page 6

6.4 No "ABANDON" message is produced when a handler is
abandoned as described in the text.

Appendix 4: XMT73

Chapter 3.4, page 6

 No "ABANDON" message is produced when a handler is
abandoned as described in the text.