

SOFTWARE DEVELOPMENT
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TO: Distribution

SUBJECT: MODIFICATION TO AQUARIUS FOR ZAX OPERATION

The hardware design of the Aquarius makes it difficult to emulate using standard-off-the-self emulators. There are times when the Aquarius and the emulator (in this case Zax) fail to work properly. Symptoms of this usually result in the system (Aquarius) suddenly running in the Basic ROM or the stack register has some garbage address.

The remedy for the problem is to add a pull-up resistor to improve the wait signal timing on PLAl. A 1k resistor should be connected to pin 35 on U11 (PLAl) to Vcc. Vcc can most easily be found by connecting the resistor to pin 14 on U7.

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