



MARINE IMAGING SYSTEMS

## MARINE FIELD SERVICE BULLETIN

<b>FSB Number</b>	1319340160
<b>FSB Title</b>	<i>DigiBIRD Processor board End of Life</i>
<b>Date</b>	06/23/16
<b>Originator</b>	Clem B. Guillot
<b>Product Group</b>	Positioning
<b>Product Name</b>	DigiBIRD
<b>Product P/N</b>	9000-5011, 9000-5011E, 9000-5010, 9000-5110

**Synopsis:**

The microcontroller used in the legacy DigiBIRD products is no longer available. Due to problems referenced in Field Service bulletin 1319340138 and no availability of microcontrollers ION is ending repair services for DigiBIRD products that require replacement of the legacy microcontroller.

**Affects:**

This issue affects legacy DigiBIRD units in for repair that required a processor board replacement. DigiBIRD-II and DigiBIRD 1.5 units are not affected. Legacy Birds that do not need a processor board replacement can be repaired as usual and are not affected by this bulletin.

**Problems/Symptoms:**

The microcontroller used in legacy DigiBIRD products contains a non-volatile memory area (EEPROM) that is used to store target depth, control gains, compass and depth calibration values, and operating mode. This memory has a limited number of write cycles. Once this number of cycles has been reached reliability of updating the memory with new data decreases and may result in errors.

**Action Required:**

The customer has the option of upgrading to the latest technology compass bird or electing to return the legacy DigiBIRD unrepaired.

**Tools Required:**

None.

**Parts Required:**

None.

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**Safety Issues:**

None.

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**Procedure:**

If a unit in for repair requires a processor replacement, customer service will notify the customer of the available upgrade options.

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**Q. C. Process:**

None.

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**References:**

FSB 1319340138.

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