

## Quality Assurance Coordination Memo

Honeywell International, Inc  
12001 State Highway 55  
Plymouth, MN 55441

<b>PRODUCT NAME</b>	HMR3601	<b>REF. NUMBER</b>	QA15-002
<b>Customer</b>	All HMR3601 Customers	<b>Initial Issue Date</b>	4/24/2015
<b>Attention</b>	Quality or Contract rep	<b>Issue # / Date</b>	1
<b>Cord Memo Type</b>	Quality Alert	<b>Originator</b>	<b>Wayne Orf Quality Manager</b>
<b>Status</b>	Open		

### **SUBJECT: HMR3601 Firmware Update**

#### **Scope of Product Affected**

All HMR3601 OEM and DEMO units are affected.

#### **Description of Product Performance**

When the gyro meter function option of the HMR3601 is turned on the compass heading calibration is affected and the compass does not output the correct heading. The compass heading will drift around the compass rose continually when the gyroscopes are turned on.

#### **System Effects**

Any system using the HMR3601 with the gyro function enabled will not read a stable compass value and the device will be unusable when the gyroscopes are enabled. If the gyroscope function is not utilized, the user will not experience the problem discussed above.

#### **Disposition/Recommendations**

Honeywell is requesting that customers return all HMR3601 units to Honeywell for a firmware update to fix this issue. At the same time Honeywell will also load the latest version of the World Magnetic Model into the device to incorporate the latest epoch (2015-2020).

#### **Honeywell Actions**

Honeywell is creating new firmware to correct this issue and will simultaneously update the World Magnetic Model programmed into the device when the unit(s) is returned. The expected release date for this firmware update is 05/01/2015.

#### **References**

HMR3601 Datasheet

#### **Contact Information**

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Return Material Authorization can be requested at the following website location:  
[https://b2b-precisionsensors.honeywell.com/plymouth\\_b2b/returns>Returns.jsp](https://b2b-precisionsensors.honeywell.com/plymouth_b2b/returns>Returns.jsp)

For Technical assistance, please contact:

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For ordering information: [www.magneticsensors.com](http://www.magneticsensors.com)

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