

## AIRMAR® Technical Advisory

**Product:** DT800, DST800, P39 & P79 NMEA 2000 Smart™ Sensors

**Advisory Summary:**

DT800, DST800, P39 & P79: Product Firmware Update

- Various product enhancements to sensor firmware

**Serial Numbers Affected:** All to present

**Distributed to:** OEM Customers  
Distributors

**Perform Upgrade:**

Information Only

Immediately

At Next Service Call

**Stock Update:**

Update Stock Recommended

Not Required to Update Stock

### **Advisory Details:**

There have been several incremental improvements to the firmware of NMEA 2000 Smart™ Sensors. All production units are currently at revision 1.011.

Improvements are as follows:

- When a boat is stationary in 20' of water, the depth may wander from 20 feet to 25 feet. This is because the sensor is transitioning from “shallow” to “medium” depth range. This was corrected in firmware revision 1.005.
- Sensors mounted on deep V hulls or sailboats with steep hull dead rise angles could occasionally report depths deeper than actual when in water depths between 20 and 100 feet. This could occur more commonly with the DST800 due to its wide fan shaped beam. This was corrected in firmware revision 1.008.
- Sensors mounted on steep dead rise angles might occasionally lock in on the boats own bow wake or surface waves. This may occur more when the vessel is in very deep water beyond the sensors maximum depth capability. This was corrected in firmware revision 1.011.

### **Stock Update:**

Firmware release 1.011 is a running change. If you choose to update inventory to the current release, Airmar can supply the appropriate hardware. This includes Airmar's U200 NMEA 2000 to USB Gateway and WeatherCaster PC software.

### **In Field Repair:**

If a customer reports a depth problem as described above, new firmware can be down loaded from Airmar's Website. This firmware can be uploaded in field units using Airmar's U200 NMEA 2000 to USB Gateway and WeatherCaster PC software.