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## Subject: WSM Chargers (7972-000-03 and 7972-000-04)

(this does NOT apply to other versions of charger 7972-000-01 and 7972-000-02 or any charger with a serial number of 253350-001 or greater)

### Introduction.

Due to batch tolerances, it has been found that the voltage output by a WSM charger at the end of the charge process (when the current drops to a trickle charge), can rise to 30 V or even higher. This high voltage has caused some failures to occur in transponders when they transmit an acoustic pulse.

### Solution - Immediate

Immediate action to avoid this problem is to ensure that the transponder is turned OFF whilst charging and to leave the transponder OFF for five minutes after the charger is disconnected. The voltage will then gradually decay to the battery voltage and the transponder can be turned ON without risk of failure.

### Solution – Longer term

As soon as possible, the charger should be returned to a Sonardyne office for an upgrade to reduce the output voltage below a safe limit. Please return both the charger adaptor and the power supply, the two items shown in the photo below.

Every effort will be made to turn the chargers round as quickly as possible.



Should you require any further clarification please contact customer support on [support@sonardyne.com](mailto:support@sonardyne.com) or +44 1252 877600.

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