


<b>SONARDYNE INTERNATIONAL LTD.</b>			
<b>TECHNICAL BULLETIN</b> <b>Use of Protective cover on L/USBL Transceivers</b>			
<b>No: 04-012</b>	<b>Issue: 1</b>	<b>Date: 7. 12. 04</b>	<b>Page 1 of 3</b>
<b>Prepared By:</b> Bernard Kiddier	<b>Title:</b> Applications Support Manager	<b>Sig:</b>	<b>Date:</b> 9/12/04
<b>Checked By:</b>	<b>Title:</b>	<b>Sig:</b>	<b>Date:</b>

**BACKGROUND**

A number of L/USBL transceivers have been returned for repair with damage to the front face where the damage appears to have been caused by transceiver being scrapped along the vessel deck. It is apparent that this is occurring on portable systems where the transceiver is fitted on an over the side pole arrangement.

**ACTION**

A red protective cover ( element end protector) is provided as standard with new L/USBL transceivers and is used to protect the face during transit and installation. **This cover must be removed before deployment as it will detrimentally effect the acoustic performance of the transceiver.**

For portable USBL systems where the transceiver is installed and removed from vessels on a regular basis, this red cover is to be retained and fitted on the transceiver during installation and decommissioning. This is to ensure that that the transceiver face is protected right up until the transceiver is either ready for deploying, at which point it must be removed, or as soon as it has been recovered from the water.

Please note that this cover will only give a light protection to the transceiver face. This is a vulnerable part of the transceiver and care in handling must be taken at all times

Ordering information for replacement covers:

Element end protector (standard) 810-0724

Element end protector (Bighead) 810-0954




Red Cover Fitted



Red Cover removed

*Distribution determined by Customer Support Manager see back page)*

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