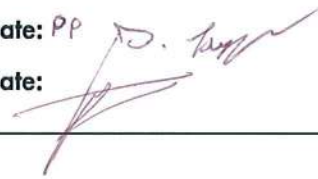


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Prepared By: Julian Rickards
Approved By: Gary Male

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Signature/Date: PP
Signature/Date:



Subject: Board Change Notice For SIPS2 Transceivers

Summary

It has been observed that there is a higher than acceptable incidence of a component failure on the SIPS2 Transmit Board. This fault has come to light on certain vessels after a prolonged period of use.

The problem is caused by certain issues of CPU board in SIPS2 transceiver. Affected boards drive the acoustic transceiver in a manner that may shorten the operational life of the Transmit board.

Consequence if not rectified

If left unchanged this issue has the potential to over-stress the Tx PCB, which could potentially lead to premature failure.

Sonardyne Corrective Action

The potential failure mode is now well understood, we therefore have developed a comprehensive solution which involves a minor modification to the CPU PCB: this rework can be completed in the field by semi-skilled engineers, however to ensure a controlled methodology is employed we recommend that each unit is returned to our offices in Blackbushe, UK. We will contact each customer to ascertain the most suitable method of rectification according to customer circumstances.

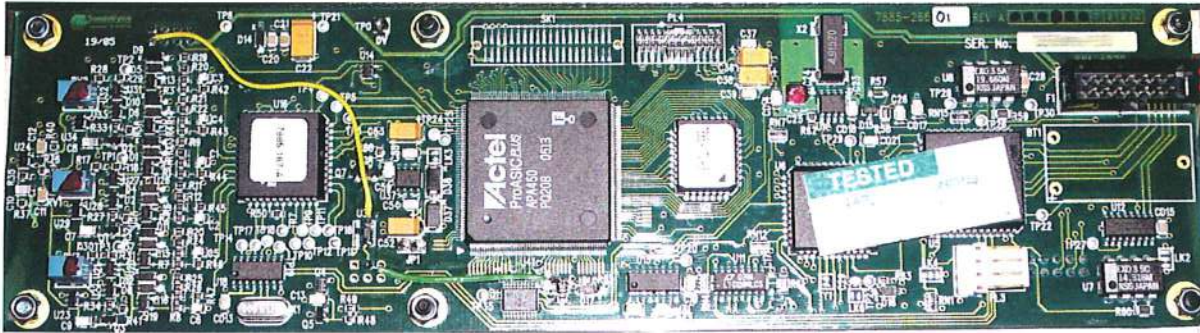
Products Affected

SIPS 2 transceivers containing: 631-7461 – SIPS FPGA CPU PCB ASSEMBLY 7885-266 (Issue <A7)

The board can be identified by the markings at the top right, affected boards have the following marking:



Appearance of the product (Below):



This product has been used in:

Type	CPN	Description
7885-000-03	620-5895	XSRS FINAL ASSY
7883-000-02	620-5901	SPLASHPROOF TRANSCEIVER
7887-000-03	620-5917	HGPS WITH REMOTE TDR
7887-000-04	620-5923	HGPS WITH REMOTE TDR
7888-000-03	620-5935	HGPS WITH R/ANGLE TDR
7888-000-04	620-5948	HGPS WITH R/ANGLE TDR
7993-000-03	620-5954	TAILBUOY TRANSCEIVER
7993-000-04	620-5966	TAILBUOY TRANSCEIVER
7994-000-03	620-5979	TAILBUOY R/ANGLE TDR
7994-000-04	620-5987	TAILBUOY R/ANGLE TDR
8005-000-01	620-6017	SIPS2 XSRS FINAL ASSY
7887-000-05	620-6560	HGPS WITH REMOTE TDR
8018-000-01	620-6654	ASV XSRS FINAL ASSY
7878-000-03	620-7054	RTS TRANSCEIVER SIPS2

The problem does not exist with the newer 7885-266-B CPU PCB or the earlier CPU PCB's 7885-166 or 7885-066.

To ensure we have captured all of the units that may exhibit this behaviour we have taken these steps to proactively protect our customers from this minimal but never the less potential risk.

Our customer services team will be contacting you during the next few days to understand unit availability, if however you have an urgent requirement or any further questions please do not hesitate to contact us through the SIPS support helpline on:

Email – seismic.support@sonardyne.com

Telephone - +44 (0) 1252 877600