COHERENT
Service Department

PRIORITY

____	Mandatory	____	As Required
____	Next Visit	____	At Installation
_x_	Information		

FIELD SERVICE BULLETIN

DATE ISSUED: October 1, 2015 **NUMBER: 780**

TEC-Free Vanadate Verdi V-18 Systems for Chameleon

PRODUCT Verdi V-18 systems for Chameleon Ultra and Chameleon Vision

PURPOSE To inform Field Service, Representatives, and Coherent Subsidiaries of changes to the Verdi V-18 for Chameleon.

DESCRIPTION Chameleon Ultra and Chameleon Vision will start to ship with TEC- free Vanadate Verdi V-18 systems.
See attached FSB 769 for further information.

ACTION No Action required.

PSE Initials OJM

COHERENT
Service Department

PRIORITY

____	Mandatory	____	As Required
____	Next Visit	____	At Installation
X	Information		

FIELD SERVICE BULLETIN

DATE ISSUED: May 12, 2015 **NUMBER: 769**

V18 Vanadate TEC Elimination

PRODUCT: **Verdi V18**

PURPOSE: The intent of this FSB is to inform Field Service Engineers of the elimination of vanadate TECs from Verdi V-18 systems, including OEM systems used in Chameleon.

DESCRIPTION: Beginning Feb.27, 2015, a deviation was implemented eliminating the vanadate TECs for the next ten units of the V18 platform. Removing the TECs eliminates the need for the servo and TECs, which data suggests will reduce costs and improve reliability. Following the production deviation this change will be implemented on all new V18 systems

Identification of systems without vanadate TECs is straightforward. The vanadate temperature of these systems is set at 25° c. In place of the thermistor, a modified flex circuit includes a static resistor to lock the vanadate servo. The servo gains and drive are set to zero.

Verdi DF (Otto) systems firmware will remain at v10.25/1.05. For classic V18 the firmware is incremented to v9.61 to accommodate servo gain values of zero.

Note: It is possible to set the servo gain to a minus value such as "-0.1". This will still cause a head EEPROM out of range fault.

PARTS:

Affected Head Part Numbers	
p/n	**Description**
1112126	HEAD,TESTED,VERDI V18 OEM FOR CHAMELEON, RoHS Compliant
1133889	REFURBISHED HEAD,TESTED,VERDI V18 OEM FOR CHAMELEON, RoHS Compliant
1142366	TESTED HEAD ASSY, V18 OTTO, RoHS Compliant
1145020	REFURBISHED, Tested VERDI V18 DF HEAD (Otto)

PSE: **LSM**