**Subject:** TSB – Medium Compute 1.5 PCA Release

**CAR Number:** N/A

**Distribution Scope:** WA Internal

**Product(s) Referenced:** Connex Vital Signs Monitor (CVSM) All Models

**Summary:** The Medium Compute Engine (MCE) PCA fab has been revised to eliminate the wire rework.

**Issue:** The existing CVSM Medium Compute Engine (MCE) PCA required wire rework to correct the PCB traces. The fab has been updated to correct the traces on the new PCA 407574. There is no change to Form, Fit and Function.

**Action:** When the new MCE PCA 407574 becomes available, return any stock of the old MCE board 407520 and service kits 103352 containing 407520 to the manufacturing facility (Plant 1030). This action applies to WA Product Service and WA service centers only. This action is being taken to ensure the current MCE PCA 407520 stock is consumed before being obsoleted.

**Reference to Standards:** 21 CFR Part 820, ISO 13485, MPD SOP-0002
Service Strategy: All service centers should use up existing stock of 407520 and service kit 103352 containing 407520 to satisfy immediate demand and return excess stock of 407520 and 103352 to the manufacturing facility (Plant 1030). Service centers will be credited for returned boards.

All service centers should replace stock with material 103352 to meet future demand.

Returned stock will be consumed by production to eliminate the need to scrap any service stock when the PCA is obsoleted.

Required Training: N/A

Required Tools: N/A

Required Materials: N/A

Quality Process for failed units or components: N/A

Procedure: The MCE PCB is contained in 103352 Serv Kit, VSM6000, MAINBOARD MCE. To determine which MCE PCA is in the service kit examine the PCA as described below.

Recognition of the different versions of the MCE PCB assembly is based on material number:

- The old board is labeled 407520, and shows ‘Medium Engine Patt-C’ in copper. Wire rework is evident on PCA (devices U37, U38).

![MCE PCA 407520 wire rework back side](image)
The new board is labeled 407574, and shows ‘MCE 716242 Patt-D’ in copper. No wire rework is evident on PCA.

Quality Documents:

- **All service centers using SAP to record service transactions:** For each monitor serviced, record the service activity in SAP.
- **All other service centers and Field Service:** For each monitor serviced, complete and file a service report and attach to the service DHR.

Notes:

1. Contact the Welch Allyn Complaints Department to initiate or process a medical device complaint resulting from this or other issues.
2. Drawings, illustrations, and part numbers in this document are for reference purposes only and subject to change.

End of Bulletin

Revision History

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D* - See SAP DIR for Change number, Approver Name and Date of Approval