



Memo

To: TCB

From: Rick Desmarais

Subj: WaveMark HF1000 Cabinet

Date: February 9, 2007

All WaveMark products will only be installed by WaveMark trained personnel. Currently WaveMark has two field engineers on staff that perform field installations, upgrades and repairs. When shipped to an installation location the products may be removed from their packaging by hospital shipping/receiving personnel. However, are still site inspected, tested and brought online only by WaveMark trained personnel.

WaveMark has created a simple release process in order to assure consistency in production and to manage product changes. The Engineering Change Board meets weekly to review, discuss and approve/deny product changes. Currently the Engineering Change Board members consist of the VP Engineering and Hardware Engineering Manager. It will be expanded to add other WaveMark personnel as the company grows.

Hardware Engineering is currently responsible for manufacturing and inventory. Bills of materials as well as component specification sheets for all critical components are available at the receiving area. Incoming inspection is performed on all critical components. Purchasing is managed from an approved vendor list maintained by Hardware Engineering.

All cabinet product builds have a documented assembly procedure that illustrates how each of the cabinet sub-assemblies is built and how an entire cabinet is completed using those sub-assemblies.

The changes implemented at onsite testing have been incorporated into the build procedure as follows.

1. Each antenna board BOM has been updated to include the Steward part number LFB159079-000 (WaveMark P/N 41-0003) onto the circuit board, attached with tie wraps. WaveMark's contract manufacturer has been given instructions on implementing this change.
2. Two Steward ferrites with part number 28A3851-0A2 (WaveMark P/N 41-0005) have been added to the BOM for the cabinet and the assembly manual includes instructions for attaching these to the two serial cables attached to the PC.
3. One Steward ferrite with part number 28A2029-0A2 (WaveMark P/N 41-0004) has been added to the BOM for the cabinet and the assembly manual includes instructions for attaching this to the the Mux to Motor board connection cable.
4. One Steward ferrite with part number 28A0593-0A2 (WaveMark P/N 41-0006) has been added to the BOM for the cabinet and the assembly manual includes instructions for attaching this to the floppy disk drive power cable extender that comes from the back of the PC.
5. A part number has been created and vendor specified for adhesive backed copper tape (WaveMark P/N 86-0014) and it has been added to the BOM. Instructions for attaching it to the cabinet just under the BNC connector supports for the antenna coax cable have been added to the assembly manual.
6. A part number has been created and vendor specified for conductive acrylic backed aluminum foil (WaveMark P/N 86-0015) with a width of two inches. Instructions for attaching it to the cabinet at the back of the PC have been added to the assembly manual.