

Date	Status
3/17/14	<p><b>ESys (Invivo) upgraded.</b></p> <p>The following two components were replaced (specs are available upon request):</p> <ol style="list-style-type: none"> <li>1. Fiber Media Converter (FMC)</li> <li>2. Patient Interface Display (PID)</li> </ol>
3/17/14	<b>24 UPS batteries replaced.</b>
4/24/14	<b>McAfee configuration updated.</b>
5/21/14	<b>Quarterly PM carried out by Philips FSE.</b>
7/29/14	<b>Philips Extended Work Station (EWS) replaced</b>
10/20/14	<b>New LAN card installed in Philips Extended Work Station (EWS)</b>
10/22/14	<b>A new <sup>31</sup>P/<sup>1</sup>H coil (RAPID Biomedical GmbH) commissioned</b>
11/13-11/20/14	<b>Scanner down due to a spontaneous quench on 11/13 @4pm, and fixed by Philips NA Fast Response Team and Philips field service engineers</b>
1/12/15	<b>Cables of an unused Eye Tracker system removed to make space in the waveguide</b>
2/24/15	<b>Cables (optical and MRI-compatible Ethernet) installed for a new eye tracker system, and a tDCS system</b>
3/12/15	<b>A gradient amplifier (Y-axis) installed to replace a failed one (failed on 3/11/15)</b>
7/14-7/15/15	<b>The Integral Valve of the magnet helium system was replaced. Magnet field was ramped down prior to the replacement, and ramped up after the replacement. A Preventative Maintenance (PM) was done. All Philips specs were met.</b>
8/18/15	<b>A gradient amplifier (X-axis) was replaced to remedy intermittent gradient amplifier failure. All</b>

	<b>Philips specs were met after the replacement.</b>
8/25-8/26/15	<b>Power supply and a gradient amplifier (X-axis) were replaced. All Philips specs were met after the replacement.</b>
9/2/15	<b>A Preventative Maintenance (PM) was done by Philips field service engineer. All Philips specs were met.</b>
1/19/16	<b>Physiological monitor on the magnet was replaced.</b>
3/22/16	<b>A Preventative Maintenance (PM) was done by Philips field service engineer. All Philips specs were met.</b>
4/19/16	<b>UPS batteries checked by Preston Link Electric, Inc. Each of the 24 batteries averaged 13.6v and showed medium to medium-high load capacities. Advised to check again in 2 years, and replace in 3 years.</b>
5/24/16	<b>A gradient amplifier (X-axis master) was replaced. All Philips specs were met after the replacement.</b>
6/3-6/11/16	<b>Scanner down due to gradient coil failure. Gradient coil was replaced by Philips NA Fast Response Team and Philips field service engineers. All Philips specs were met after the replacement.</b>
7/27/16 - 8/30/16	<b>Philips field service engineer came in multiple times during this time period, replaced fiber optic board in the reconstructor, cables on three coils (16-channel knee coil, 32-ch head coil, 8-ch flex coil.)</b>
8/30/16	<b>Air Product engineers filled helium to 89%.</b>
12/5/16-12/9/16	<b>Scanner system upgraded to R5.3.</b>
12/12/16-12/16/16	<b>Examcards tested on subjects. Necessary modifications were applied.</b>
1/3/17	<b>Data Acquisition Application software crashed. Philips field service engineer restored the system back to the status of 12/9/16 when the R5.3 .0</b>

	upgrade was done.
1/27/17	Philips field service engineer installed Service Pack 3 (SP3). The system software is now R5.3.0.3.
3/17/17	Philips field service engineer replaced water hoses, and performed Preventative Maintenance (PM).
5/10/17	MN (multi-nuclear) RF amplifier replaced by Philips service engineer.
9/13/17	A Preventative Maintenance (PM) was done by Philips field service engineer. All Philips specs were passed. However, some spurious spiking noises were noticed. Philips FSE will come in to do more tests and find a remedy.
10/17/17	Philips field service engineer performed corrective service. Spurious spiking noise resolved. Philips engineer suggested replacing dimmer switches to regular switches.
10/20/17	Avotec system was replaced.
12/26/17-12/29/17	Magnet room walls repaired and painted.
1/5/18	A gradient amplifier (Z-axis slave) was replaced.
3/19/18	There were 5 episodes of power outage in the MBI building. The 5 <sup>th</sup> power outage caused the coldhead to be shut off. After the power was back on, and the UF Facilities reset the processed water pumps, the coldhead was retarted, and the scanner resumed functional.
3/20/18	A Preventative Maintenance (PM) was done by Philips field service engineer. All Philips specs were passed.
3/21/18	Philips field service engineer replaced the cable of the 16-channel knee coil. The coil passed all tests.
4/18/19	Philips service engineer checked for leaks at the top of the magnet in response to reported low magnet pressure. Didn't find leaks. Reset pressure errors and monitored pressure back to normal and stable.
6/4/18	Philips engineer installed new PA tube to remedy intermittent problems of insufficient signal in the pick up phase.
7/25/18	RF power supply was replaced to remedy RF errors. Installed helium backup probe cable.
7/31/18	RF amplifier was replaced to remedy RF errors. RF errors at the pick up phase was remedied.

9/5/18	<b>A Preventative Maintenance (PM) was done by Philips field service engineer. All Philips specs were passed.</b>
10/16/18	<b>System software was updated to R5.3.1. All essential testing went through successfully. The system software is now R5.3.1.</b>
10/24/18	<b>Worked with the UF IT. The system is now networked behind the newly installed firewall.</b>
10/29/18	<b>Philips service engineer serviced the patient table. It now drives in horizontal properly.</b>
2/14/19	<b>Service Pack 2 was installed. All essential testing went through successfully. The system software is now R5.3.1.2.</b>
3/12/19	<b>A Preventative Maintenance (PM) was done by Philips field service engineer. Service Pack 3 was installed. All essential testing went through successfully. The system software is now R5.3.1.3.</b>