

Agilent / Varian VNMRS-600, Serial Number MR1010W002,
7700-CS CryoBay, VnmrJ Version 4.0

2015

- 03 Dec: System up. Version-1, 1.5 mm HTS Cold Probe.
- 01-03 Dec: System down. Compressed air failure.
- 20-22 Nov: Variable temperature failure.
- 30 Oct: System up. Helium Compressor at 33,960 hours.
- 13 Oct: System up. Version-1, 1.5 mm HTS Cold Probe.
- 12 Oct: Installed a new APC Smart UPS-1000 XL in the CryoBay.
- 01-12 Oct: System down.
- 01 Oct: Removed APC Smart UPS-1000.
- 30 Sep: Failure of CryoBay's internal UPS (connected to a computer).
- 04 Sep: Unexplained shutdown, possibly related to an internal UPS which failed about one month later. System cooled down normally.
- 04 Aug: System up. Version-1, 1.5 mm HTS Cold Probe.
- 03-04 Aug: System down. RF Console's breaker tripped by lightning.
- 31 Jul: System up. Helium Compressor at 32,076 hours.
- 30 Jun: Version-1, 1.5 mm HTS Cold Probe Installed.
- 17 Jun: Version-2, 1.5 mm HTS Cold Probe Installed;
1H-LS & S/N "OK," 13C High Power & Long 90°,
Preamps OK, 2H Lock OK, Gradient OK,
VT/Tuning Adapter OK, Coil Heater OK.
Permanent fix for VT failures, metal clamps on connector.
- 18 May: Variable temperature failure.
- 15 May: Temporary fix for VT failures, tie-wraps on connector.
- 08-13 May: Occasional variable temperature failures.
- 29 Mar: Version-1, 1.5 mm HTS Cold Probe Installed.

19 Mar: Version-2, 1.5 mm HTS Cold Probe Installed;
1H-LS & S/N "OK," 13C High Power & Long 90°,
Preamps OK, 2H Lock OK, Gradient OK,
VT/Tuning Adapter OK, Coil Heater OK.

24 Feb: System up. Helium Compressor at 28,428 hours.

19-23 Feb: System down. Failed D-Link DES-1026G Ethernet Switch.

15-19 Jan: System down for service on chilled water pumps.

2014

11 Dec: Version-1, 1.5 mm HTS Cold Probe Installed.

23 Oct: 5 mm HCN Cold Probe Installed.

01 Oct: Version-2, 1.5 mm HTS Cold Probe Installed;
1H-LS & S/N "OK," 13C High Power & Long 90°,
Preamps OK, 2H Lock OK, Gradient OK,
VT/Tuning Adapter OK, Coil Heater Failed.

27 Aug: Version-1, 1.5 mm HTS Cold Probe Installed.

20 Aug: Version-2, 1.5 mm HTS Cold Probe Installed;
1H-LS Poor & Low S/N, 13C High Power & Long 90°,
Preamps OK, 2H Lock OK, Gradient Failed,
VT/Tuning Adapter OK, Coil Heater OK.

09 Apr: VnmrJ Version 4.0 Installed with CRAFT Software.

08 Apr: New Cold Head and Helium Compressor Oil Adsorber.
Cold Head and Helium Compressor at 21,323 hours.

19 Mar: Version-1, 1.5 mm HTS Cold Probe Installed.

07 Mar: Version-2, 1.5 mm HTS Cold Probe Installed;
1H-LS OK, No 13C, No Preamps, 2H Lock OK, Gradient OK,
No VT/Tuning Adapter, Coil Heater OK.

10 Jan: Version-1, 1.5 mm HTS Cold Probe Installed;

06 Jan: First Installation of Version-2, 1.5 mm HTS Cold Probe.
1H-LS Poor, No 13C, No Preamps, 2H Lock OK,
Gradient OK, No VT/Tuning Adapter, Coil Heater OK.

2013

15 Oct: Version-1, 1.5 mm HTS Cold Probe Installed, 15N-Decoupling.
25 Sep: 5 mm HCN Cold Probe Installed.
02 Jul: Version-1, 1.5 mm HTS Cold Probe Installed.
24-28: DOSY setup, etc.
12 Jun: 5 mm HCN Cold Probe, reinstallation complete.
03 Jun: Version-1, 1.5 mm HTS Cold Probe removed for upgrades at
NHMFL.
12 Apr: Version-1, 1.5 mm HTS Cold Probe, calibrations as HTS-1A.
11-18 Jan: Version-1, 1.5 mm HTS Cold Probe out to NHMFL
for 2H repairs, etc.

2012

08-29 Nov: First Installation and Trials of Version-1, 1.5 mm HTS Cold Probe.
01 Oct: VnmrJ Version 3.2A psg LNXall1002 Installed.
17-21 Feb: Broken 1.5 mm tube, 5 mm HCN Cold Probe cleaned, reinstalled.

2011

07 Nov: EH&S room noise check; below OSHA level requiring
hearing protection.
04-05 Oct: Dr. Michele Bodner, Install, Calibrate BioPack and ChemPack.
20 Jul: Mike Hissett, 5 mm HCN Cold Probe Acceptance.
18-20 Jul: Mike Hissett, 5 mm HCN Cold Probe, 2nd Installation.
14 Jun: Mike Hissett, 5 mm CP Temp Sensor Problem, Install 5 mm HCN
Probe.

13-14 Jun: Mike Hissett, Install Compressor, CryoBay, & 5 mm HCN Cold Probe.

13 Jun: Mike Hissett, Check Conventional 5 mm HCN Probe.

28-29 Mar: Stevenson Kuan, Service Visit.

2010

22 Dec: Stevenson Kuan, Console & Magnet Acceptance, VnmrJ Version 2.3, Conventional 5 mm HCN Probe, Magnex Compact 600/54 AS Magnet.