

LSD Deputy Report

February 27 – March 13, 2013

Ron Lauzé

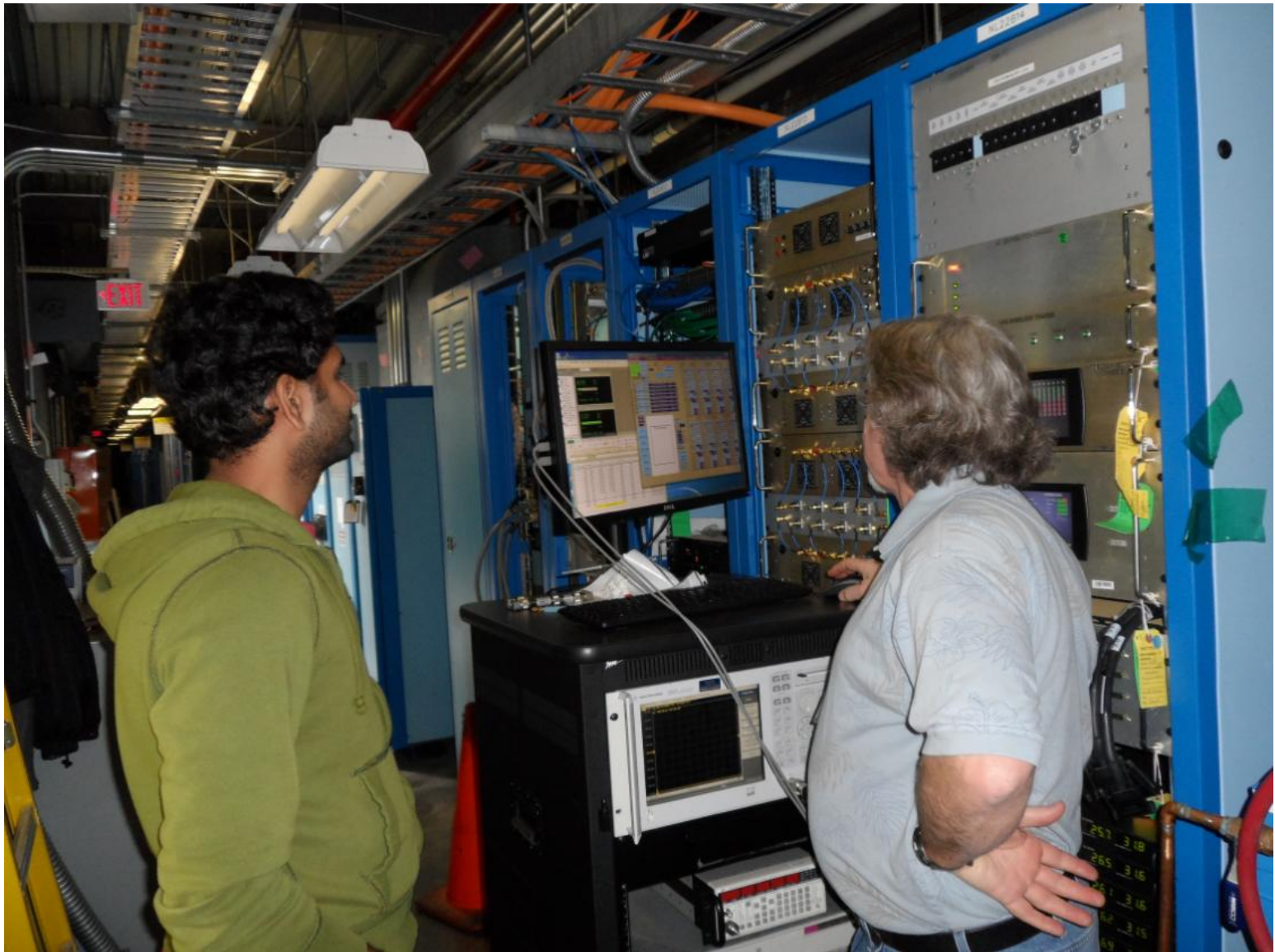
	05	06	07	08
	LSD: Lauze	LSD: Lauze ☞ 480V PM E2, E3, E4	LSD: Lauze ☞ 480V W1 W2 W3 SL SB (West)	LSD: Lauze ☞ 480V SL SB W2 W3
<p>work</p> <p>in comp commiss</p> <p>P PS swaps</p> <p>OR/2R+ cables</p> <p>chassis upgrade</p> <p>leak repairs</p> <p>der terminations</p> <p>arc final align</p> <p>and inst</p> <p>cable pulls</p> <p>Network bogies (off site)</p> <p>tery Maintenance</p>	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ DC: 0L/0R/2R+ cables ☞ Shunt chassis upgrade ☞ Tunnel leak repairs ☞ 1S+ girder terminations ☞ 1S/1E Pedestal inst ☞ S&A: EArc final align ☞ 2TC+ stand inst ☞ BSY FFB mag mounts ☞ S&A Tagger vault peds. ☞ S&A: XB network S&A SHMS bogies (off site) ☞ UPS Battery Maintenance ☞ EM power for 480V maint 	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ DC: 0L/0R/2R+ cables ☞ Shunt chassis upgrade ☞ Tunnel leak repairs ☞ S&A 1L22-24 warm regions ☞ 1S+ girder terminations ☞ 1S+ LCW hookup ☞ 1S+/5C formwork ☞ S&A: EArc final align ☞ EArc LCW hookup ☞ Pen. 3738 stone out ☞ PVC sump discrg pipe repair ☞ BSY demo ☞ Tagger vent leak ☞ S&A: XD BCAL rail align. ☞ UPS Battery Maintenance ☞ PVC sump discrg pipe repair <p><i>Tour: Colloquium</i></p>	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ DC: 0L/0R/2R+ cables ☞ Shunt chassis upgrade ☞ Tunnel leak repairs ☞ 1S+ girder terminations ☞ S&A: EArc final align ☞ EArc LCW hookup ☞ Pull YA DC Leads to Tunnel ☞ S&A TC stand align. ☞ TC LCW headers ☞ BSY demo ☞ 5C pedestal forms ☞ Tagger vent leak ☞ S&A: XD BCAL rail align. ☞ -1L23+ u tube inst 	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ DC: 0L/0R/2R+ cables ☞ Shunt chassis upgrad ☞ Tunnel leak repairs ☞ 1S+ girder termination ☞ Magnet remv to MTF ☞ S&A SLinac Dist Meas ☞ S&A TC stand align. ☞ TC Shunt loads ☞ BSY demo ☞ S&A: WArc 2B checks ☞ Tagger vent leak
			☞ ODH tsts: Tagger vault & XD ODH	☞ ODH tsts: Tagger vault
	12	13	14	15
	LSD: Lauze ☞ 480V PM NLSB E1 87 89	LSD: Napier ☞ 480V PM W6 ISB NAB MCC Trailers	LSD: Napier ☞ 480V PM W5: NAB, W4, W5 SB	LSD: Napier ☞ 480V PM Float
<p>work</p> <p>commissioning</p> <p>P PS swaps</p> <p>leak repairs</p> <p>OR/2R+ cables</p> <p>22-24 girder align.</p> <p>der terminations</p> <p>Linac Dist Meas</p> <p>5' remove</p>	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ Tunnel leak repairs ☞ DC: 0L/0R/2R+ cables ☞ DecaRad inst & test ☞ 1S+ LCW hookup ☞ 1S+/5C formwork ☞ 1R+ girder terminations 	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ Tunnel leak repairs ☞ DC: 0L/0R/2R+ cables ☞ DecaRad inst & test ☞ 1R+ girder connect 	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ Tunnel leak repairs ☞ DC: 0L/0R/2R+ cables ☞ DecaRad inst & test ☞ NL C100 rad meas ☞ 1R+ girder connect 	<p>CHL pipe work</p> <p>CHL 2 commissioning</p> <ul style="list-style-type: none"> ☞ RF PM ☞ Tunnel leak repairs ☞ DC: 0L/0R/2R+ cables ☞ NL C100 rad meas ☞ EArc '1' remove ☞ 1R+ girder connect

Summary

- Installed and commissioned Hall D ODH system
- Wired W2 shunt racks, built 2-20A trim racks, ~80% cabling complete in 2R, and trim cabling complete in 1R/1S
- Installation and commissioning of NL RF continues
- Performed PM on UPS systems
- 480VAC breaker PM (should be completed by Friday)
- Shunt Load prototype installation in 1R
- Removed dipoles and girders in 2C line and started on 3C
- Installed and aligned eleven 2T stands
- Completed measuring Hall B survey network
- MCC renovation continues
- Addressing tunnel leaks in North Linac



Installing Hall D tagger vault PSS conduits



Calibrating new NL RF hardware



Performing PM on UPS systems



One of three 1R shunt load LCW manifolds



**Hall B 2C dipoles and
girders removed**

and

Hall C 3C line started



**2T stands (11)
installed
and
aligned**



**Working on the ceiling
in the
MCC equipment room**



Sealing ground water leaks in the tunnel