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| Traveler Title | L2RB Cavity String Disassembly Traveler | | | |
| Traveler Abstract | This traveler records serial numbers of components removed from string during disassembly | | | |
| Traveler ID | L2RB-CLNRM-CST-DISA | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | D. Forehand | | | |
| Traveler Date | 18-Jul-25 | | | |
| NCR Informative Emails | forehand | | | |
| NCR Dispositioners | adamg,cheng,weinmann,kdavis | | | |
| D3 Emails | forehand,adamg,cheng,weinmann | | | |
| Approval Names | D. Forehand | K. Davis | J. Vennekate | A. Grabowski |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author/SOTR | Reviewer | Reviewer | Project Manager |

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| References | List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents. | | | |
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| Revision Note |  |
| R1 | Initial release of this Traveler. |

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| Step No. | Instructions | Data Input |
| 1 | Verify cavity string has been bled up to atmosphere and is ready to begin disassembly.  Ensure the area inside the flow hood is prepared and wiped down for clean disassembly.  Ensure the string has been prepared with clean room bagging and wiping down of all components.  String dis-assembly shall be completed IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA | [[Technician]] <<SRFCVP>>  [[CSTSN]] <<CSTSN>>  [[DisassemblyDate]] <<TIMESTAMP>>  [[StringVented]] <<YESNO>>  [[PreparationsComplete]] <<YESNO>> |
| 2 | Remove BPM Sub-assembly from cavity eight.  Record serial numbers for all the associated components.   |  |  | | --- | --- | | BLXD | Cavity String Weldment Extension | | BPMFT | BPM Feed Thru | | AMGV | All Metal Gate Valve | | BLBS | Beamline Bellows Short | | BLBP | Beamline Bellows PrCM | | BLBU | Beamline Bellows Upstream | | FPCC | FPC Cold | | [[BPMTech]] <<SRFCVP>>  [[BPMSN]] <<BPMSN>>  [[BPMFTSN1]] <<BPMFTSN>>  [[BPMFTSN2]] <<BPMFTSN>>  [[BPMFTSN3]] <<BPMFTSN>>  [[BPMFTSN4]] <<BPMFTSN>>  [[BLXDSN]] <<BLXDSN>>  [[DSAMGVSN]] <<AMGVSN>>  [[TempBlankInstalled]] <<YESNO>>  [[BPMSubAssyComment]] <<COMMENT>> |

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| 3 | Remove the bellows from cavity eight and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav8Tech]] <<SRFCVP>>  [[BLBSSN]] <<BLBSSN>>  [[CAVSN8]] <<CAVSN>>  [[Cav8DSBlankInstalled]] <<YESNO>>  [[FPCCSN8]] <<FPCCSN>>  [[FPC8FTInstalled]] <<YESNO>>  [[Cav8USBlankInstalled]] <<YESNO>>  [[Cav8RemovalComment]] <<COMMENT>> |

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| 4 | Remove the bellows from cavity seven and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav7Tech]] <<SRFCVP>>  [[BLBPSN7\_8]] <<BLBPSN>>  [[CAVSN7]] <<CAVSN>>  [[Cav7DSBlankInstalled]] <<YESNO>>  [[FPCCSN7]] <<FPCCSN>>  [[FPC7FTInstalled]] <<YESNO>>  [[Cav7USBlankInstalled]] <<YESNO>>  [[Cav7RemovalComment]] <<COMMENT>> |

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| 5 | Remove the bellows from cavity six and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav6Tech]] <<SRFCVP>>  [[BLBPSN6\_7]] <<BLBPSN>>  [[CAVSN6]] <<CAVSN>>  [[Cav6DSBlankInstalled]] <<YESNO>>  [[FPCCSN6]] <<FPCCSN>>  [[FPC6FTInstalled]] <<YESNO>>  [[Cav6USBlankInstalled]] <<YESNO>>  [[Cav6RemovalComment]] <<COMMENT>> |

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| 6 | Remove the bellows from cavity five and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav5Tech]] <<SRFCVP>>  [[BLBPSN5\_6]] <<BLBPSN>>  [[CAVSN5]] <<CAVSN>>  [[Cav5DSBlankInstalled]] <<YESNO>>  [[FPCCSN5]] <<FPCCSN>>  [[FPC5FTInstalled]] <<YESNO>>  [[Cav5USBlankInstalled]] <<YESNO>>  [[Cav5RemovalComment]] <<COMMENT>> |

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| 7 | Remove the bellows from cavity four and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav4Tech]] <<SRFCVP>>  [[BLBPSN4\_5]] <<BLBPSN>>  [[CAVSN4]] <<CAVSN>>  [[Cav4DSBlankInstalled]] <<YESNO>>  [[FPCCSN4]] <<FPCCSN>>  [[FPC4FTInstalled]] <<YESNO>>  [[Cav4USBlankInstalled]] <<YESNO>>  [[Cav4RemovalComment]] <<COMMENT>> |

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| 8 | Remove the bellows from cavity three and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav3Tech]] <<SRFCVP>>  [[BLBPSN3\_4]] <<BLBPSN>>  [[CAVSN3]] <<CAVSN>>  [[Cav3DSBlankInstalled]] <<YESNO>>  [[FPCCSN3]] <<FPCCSN>>  [[FPC3FTInstalled]] <<YESNO>>  [[Cav3USBlankInstalled]] <<YESNO>>  [[Cav3RemovalComment]] <<COMMENT>> |

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| 9 | Remove the bellows from cavity two and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Remove cavity from flow hood. | [[Cav2Tech]] <<SRFCVP>>  [[BLBPSN2\_3]] <<BLBPSN>>  [[CAVSN2]] <<CAVSN>>  [[Cav2DSBlankInstalled]] <<YESNO>>  [[FPCCSN2]] <<FPCCSN>>  [[FPC2FTInstalled]] <<YESNO>>  [[Cav2USBlankInstalled]] <<YESNO>>  [[Cav2RemovalComment]] <<COMMENT>> |

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| 10 | Remove the bellows from cavity one and store for later inspection and use.  Record bellows serial number.  Install temporary blank on downstream cavity flange.  Install FPC removal tooling and remove FPC IAW String Dis-assembly Procedure L2RB-CLNRM-CST-DISA.  Place high-Q antenna feedthrough on cavity FPC flange.  Install bellows stiffeners on upstream bellows and remove fasteners from flange attaching bellows to upstream end of cavity.  Place used gasket and blank on upstream end of cavity.  Immediately place valve in a clean room bag for return to vendor.  Remove cavity from flow hood. | [[Cav1Tech]] <<SRFCVP>>  [[BLBPSN1\_2]] <<BLBPSN>>  [[CAVSN1]] <<CAVSN>>  [[Cav1DSBlankInstalled?]] <<YESNO>>  [[FPCCSN1]] <<FPCCSN>>  [[FPC1FTInstalled]] <<YESNO>>  [[Cav1USBlankInstalled]] <<YESNO>>  [[USAMGVSN]] <<AMGVSN>>  [[BLBUSN]] <<BLBUSN>>  [[Cav1RemovalComment]] <<COMMENT>> |