

## SIB1\_IP

Red Flag	Action	When
IB_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
IB_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
IB_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
IB_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
IB_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
IB_F0_COIL_H1	Call Expert if persistent	Next Unlock
IB_F0_COIL_H2	Call Expert if persistent	Next Unlock
IB_F0_COIL_H3	Call Expert if persistent	Next Unlock
IB_F0_TY	Call Expert if persistent	ASAP
IB_F0_X	Call Expert if persistent	ASAP
IB_F0_Z	Call Expert if persistent	ASAP

## SIB1\_BENCH

IB_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
IB_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
IB_MAR_TZ_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
IB_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
IB_BENCH_PSDI_PWR	Notify Expert	Next Unlock
IB_BENCH_PSDI_PWR	Notify Expert	Next Unlock
IB_MAR_PSDT_PWR	Notify Expert	Next Unlock

## SIB1\_BR

IB_BR_LVDT1	Call Expert	Next Unlock
IB_BR_LVDT2	Call Expert	Next Unlock
IB_BR_LVDT3	Call Expert	Next Unlock

## SIB1\_VERT

IB_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
IB_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
IB_F0_COIL_V1	Call Expert if persistent	Next Unlock
IB_F0_COIL_V2	Call Expert if persistent	Next Unlock
IB_F0_LVDT_V	Call Expert	Next Unlock
IB_F4_LVDT_V	Call Expert	Next Unlock
IB_F7_LVDT_V	Call Expert	Next Unlock

## SIB1\_TE

IB_F0_TE2	Possible HVAC problem: check INF section	ASAP
IB_F4_TE1	Possible HVAC problem: check INF section	ASAP
IB_F7_TE1	Possible HVAC problem: check INF section	ASAP

## SIB1\_GUARD

IB_F0_GRD_L1	Close Guardian	ASAP
IB_F0_GRD_L1	Close Guardian	ASAP
IB_F0_GRD_L1	Close Guardian	ASAP
IB_MAR_GRD_TX	Close Guardian	ASAP
IB_MAR_GRD_TY	Close Guardian	ASAP
IB_MAR_GRD_TZ	Close Guardian	ASAP
IB_F0_GRD_TG	Close Guardian	ASAP
IB_MAR_GRD_TG	Close Guardian	ASAP

## SIB1\_ELECTR

IB_PDU_SOCKET1	Call Expert	ASAP
IB_PDU_SOCKET2	Call Expert	ASAP
IB_PDU_SOCKET3	Call Expert	Next Unlock
IB_PDU_SOCKET4	Call Expert	Next Unlock
IB_PDU_SOCKET5	Call Expert	Next Unlock
IB_PDU_SOCKET6	Call Expert	Next Unlock
IB_PDU_SOCKET7	Call Expert	Next Unlock
IB_PDU_SOCKET8	Call Expert	Next Unlock
IB_satsserverib1_State	Call Expert	ASAP

## MC\_IP

Red Flag	Action	When
MC_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
MC_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
MC_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
MC_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
MC_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
MC_F0_COIL_H1	Call Expert if persistent	Next Unlock
MC_F0_COIL_H2	Call Expert if persistent	Next Unlock
MC_F0_COIL_H3	Call Expert if persistent	Next Unlock
MC_F0_TY	Call Expert if persistent	ASAP
MC_F0_X	Call Expert if persistent	ASAP
MC_F0_Z	Call Expert if persistent	ASAP

## MC\_PAY

MC_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
MC_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
MC_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
MC_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
MC_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
MC_MIR_PSDP_PWR	Notify Expert	Next Unlock
MC_MIR_PSDI_PWR	Notify Expert	Next Unlock
MC_MIR_PSDTF_PWR	Notify Expert	Next Unlock

## MC\_BR

MC_BR_LVDT1	Call Expert	Next Unlock
MC_BR_LVDT2	Call Expert	Next Unlock
MC_BR_LVDT3	Call Expert	Next Unlock

## MC\_VERT

MC_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
MC_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
MC_F0_COIL_V1	Call Expert if persistent	Next Unlock
MC_F0_COIL_V2	Call Expert if persistent	Next Unlock
MC_F0_LVDT_V	Call Expert	Next Unlock
MC_F4_LVDT_V	Call Expert	Next Unlock
MC_F7_LVDT_V	Call Expert	Next Unlock

## MC\_TE

MC_F0_TE2	Possible HVAC problem: check INF section	ASAP
MC_F4_TE1	Possible HVAC problem: check INF section	ASAP
MC_F7_TE1	Possible HVAC problem: check INF section	ASAP

## MC\_GUARD

MC_F0_GRD_L1	Close Guardian	ASAP
MC_F0_GRD_L1	Close Guardian	ASAP
MC_F0_GRD_L1	Close Guardian	ASAP
MC_MAR_GRD_TX	Close Guardian	ASAP
MC_MAR_GRD_TY	Close Guardian	ASAP
MC_F0_GRD_TG	Close Guardian	ASAP
MC_MAR_GRD_TG	Close Guardian	ASAP

## MC\_ELECTR

MC_PDU_SOCKET1	Call Expert	ASAP
MC_PDU_SOCKET2	Call Expert	ASAP
MC_PDU_SOCKET3	Call Expert	Next Unlock
MC_PDU_SOCKET4	Call Expert	Next Unlock
MC_PDU_SOCKET5	Call Expert	Next Unlock
MC_PDU_SOCKET6	Call Expert	Next Unlock
MC_PDU_SOCKET7	Call Expert	Next Unlock
MC_PDU_SOCKET8	Call Expert	Next Unlock
MC_satsserverMC1_State	Call Expert	ASAP

## SDB1\_IP

Red Flag	Action	When
OB_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
OB_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
OB_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
OB_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
OB_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
OB_F0_COIL_H1	Call Expert if persistent	Next Unlock
OB_F0_COIL_H2	Call Expert if persistent	Next Unlock
OB_F0_COIL_H3	Call Expert if persistent	Next Unlock
OB_F0_TY	Call Expert if persistent	ASAP
OB_F0_X	Call Expert if persistent	ASAP
OB_F0_Z	Call Expert if persistent	ASAP

## SDB1\_BR

OB_BR_LVDT1	Call Expert	Next Unlock
OB_BR_LVDT2	Call Expert	Next Unlock
OB_BR_LVDT3	Call Expert	Next Unlock

## SDB1\_VERT

OB_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
OB_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
OB_F0_COIL_V1	Call Expert if persistent	Next Unlock
OB_F0_COIL_V2	Call Expert if persistent	Next Unlock
OB_F0_LVDT_V	Call Expert	Next Unlock
OB_F4_LVDT_V	Call Expert	Next Unlock
OB_F7_LVDT_V	Call Expert	Next Unlock

## SDB1\_TE

OB_F0_TE2	Possible HVAC problem: check INF section	ASAP
OB_F4_TE1	Possible HVAC problem: check INF section	ASAP
OB_F7_TE1	Possible HVAC problem: check INF section	ASAP

## SDB1\_GUARD

OB_F0_GRD_L1	Close Guardian	ASAP
OB_F0_GRD_L1	Close Guardian	ASAP
OB_F0_GRD_L1	Close Guardian	ASAP
OB_MAR_GRD_TX	Close Guardian	ASAP
OB_MAR_GRD_TY	Close Guardian	ASAP
OB_F0_GRD_TG	Close Guardian	ASAP
OB_MAR_GRD_TG	Close Guardian	ASAP

## SDB1\_ELECTR

OB_PDU_SOCKET1	Call Expert	ASAP
OB_PDU_SOCKET2	Call Expert	ASAP
OB_PDU_SOCKET3	Call Expert	Next Unlock
OB_PDU_SOCKET4	Call Expert	Next Unlock
OB_PDU_SOCKET5	Call Expert	Next Unlock
OB_PDU_SOCKET6	Call Expert	Next Unlock
OB_PDU_SOCKET7	Call Expert	Next Unlock
OB_PDU_SOCKET8	Call Expert	Next Unlock
OB_satserverOB1_State	Call Expert	ASAP

## BS\_IP

Red Flag	Action	When
BS_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
BS_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
BS_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
BS_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
BS_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
BS_F0_COIL_H1	Call Expert if persistent	Next Unlock
BS_F0_COIL_H2	Call Expert if persistent	Next Unlock
BS_F0_COIL_H3	Call Expert if persistent	Next Unlock
BS_F0_TY	Call Expert if persistent	ASAP
BS_F0_X	Call Expert if persistent	ASAP
BS_F0_Z	Call Expert if persistent	ASAP

## BS\_F7

BS_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
BS_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
BS_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
BS_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
BS_F7_TX_CORR	Call Expert if persistent	ASAP
BS_F7_TY_CORR	Call Expert if persistent	ASAP
BS_F7_TZ_CORR	Call Expert if persistent	ASAP
BS_F7_TX	Call Expert if persistent	ASAP
BS_F7_TY	Call Expert if persistent	ASAP
BS_F7_TZ	Call Expert if persistent	ASAP

## BS\_PAY

BS_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
BS_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
BS_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
BS_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
BS_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
BS_MAR_PSDM_PWR	Notify Expert	Next Unlock
BS_MAR_PSDT_PWR	Notify Expert	Next Unlock
BS_MAR_PSDI_PWR	Notify Expert	Next Unlock
BS_MAR_PSDI_PWR	Notify Expert	Next Unlock

## BS\_BR

BS_BR_LVDT1	Call Expert	Next Unlock
BS_BR_LVDT2	Call Expert	Next Unlock
BS_BR_LVDT3	Call Expert	Next Unlock

## BS\_VERT

BS_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
BS_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
BS_F0_COIL_V1	Call Expert if persistent	Next Unlock
BS_F0_COIL_V2	Call Expert if persistent	Next Unlock
BS_F0_LVDT_V	Call Expert	Next Unlock
BS_F4_LVDT_V	Call Expert	Next Unlock
BS_F7_LVDT_V	Call Expert	Next Unlock

## BS\_TE

BS_F0_TE2	Possible HVAC problem: check INF section	ASAP
BS_F4_TE1	Possible HVAC problem: check INF section	ASAP
BS_F7_TE1	Possible HVAC problem: check INF section	ASAP

## BS\_GUARD

BS_F0_GRD_L1	Close Guardian	ASAP
BS_F0_GRD_L1	Close Guardian	ASAP
BS_F0_GRD_L1	Close Guardian	ASAP
BS_MAR_GRD_TX	Close Guardian	ASAP
BS_MAR_GRD_TY	Close Guardian	ASAP
BS_F0_GRD_TG	Close Guardian	ASAP
BS_MAR_GRD_TG	Close Guardian	ASAP

## BS\_ELECTR

BS_PDU_SOCKET1	Call Expert	ASAP
BS_PDU_SOCKET2	Call Expert	ASAP
BS_PDU_SOCKET3	Call Expert	Next Unlock
BS_PDU_SOCKET4	Call Expert	Next Unlock
BS_PDU_SOCKET5	Call Expert	Next Unlock

BS_PDU_SOCKET6	Call Expert	Next Unlock
BS_PDU_SOCKET7	Call Expert	Next Unlock
BS_PDU_SOCKET8	Call Expert	Next Unlock
BS_satsrverBS1_State	Call Expert	ASAP

## NI\_IP

Red Flag	Action	When
NI_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
NI_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NI_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
NI_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
NI_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
NI_F0_COIL_H1	Call Expert if persistent	Next Unlock
NI_F0_COIL_H2	Call Expert if persistent	Next Unlock
NI_F0_COIL_H3	Call Expert if persistent	Next Unlock
NI_F0_TY	Call Expert if persistent	ASAP
NI_F0_X	Call Expert if persistent	ASAP
NI_F0_Z	Call Expert if persistent	ASAP

## NI\_F7

NI_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NI_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NI_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NI_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NI_F7_TX_CORR	Call Expert if persistent	ASAP
NI_F7_TY_CORR	Call Expert if persistent	ASAP
NI_F7_TZ_CORR	Call Expert if persistent	ASAP
NI_F7_TX	Call Expert if persistent	ASAP
NI_F7_TY	Call Expert if persistent	ASAP
NI_F7_TZ	Call Expert if persistent	ASAP

## NI\_PAY

NI_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NI_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NI_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NI_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
NI_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
NI_MAR_PSDM_PWR	Notify Expert	Next Unlock
NI_MAR_PSDT_PWR	Notify Expert	Next Unlock
NI_MAR_PSDI_PWR	Notify Expert	Next Unlock
NI_MAR_PSDI_PWR	Notify Expert	Next Unlock

## NI\_BR

NI_BR_LVDT1	Call Expert	Next Unlock
NI_BR_LVDT2	Call Expert	Next Unlock
NI_BR_LVDT3	Call Expert	Next Unlock

## NI\_VERT

NI_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NI_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NI_F0_COIL_V1	Call Expert if persistent	Next Unlock
NI_F0_COIL_V2	Call Expert if persistent	Next Unlock
NI_F0_LVDT_V	Call Expert	Next Unlock
NI_F4_LVDT_V	Call Expert	Next Unlock
NI_F7_LVDT_V	Call Expert	Next Unlock

## NI\_TE

NI_F0_TE2	Possible HVAC problem: check INF section	ASAP
NI_F4_TE1	Possible HVAC problem: check INF section	ASAP
NI_F7_TE1	Possible HVAC problem: check INF section	ASAP

## NI\_GUARD

NI_F0_GRD_L1	Close Guardian	ASAP
NI_F0_GRD_L1	Close Guardian	ASAP
NI_F0_GRD_L1	Close Guardian	ASAP
NI_MAR_GRD_TX	Close Guardian	ASAP
NI_MAR_GRD_TY	Close Guardian	ASAP
NI_F0_GRD_TG	Close Guardian	ASAP
NI_MAR_GRD_TG	Close Guardian	ASAP

## NI\_ELECTR

NI_PDU_SOCKET1	Call Expert	ASAP
NI_PDU_SOCKET2	Call Expert	ASAP
NI_PDU_SOCKET3	Call Expert	Next Unlock
NI_PDU_SOCKET4	Call Expert	Next Unlock
NI_PDU_SOCKET5	Call Expert	Next Unlock

NI_PDU_SOCKET6	Call Expert	Next Unlock
NI_PDU_SOCKET7	Call Expert	Next Unlock
NI_PDU_SOCKET8	Call Expert	Next Unlock
NI_satsserverNI1_State	Call Expert	ASAP

## NE\_IP

Red Flag	Action	When
NE_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
NE_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NE_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
NE_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
NE_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
NE_F0_COIL_H1	Call Expert if persistent	Next Unlock
NE_F0_COIL_H2	Call Expert if persistent	Next Unlock
NE_F0_COIL_H3	Call Expert if persistent	Next Unlock
NE_F0_TY	Call Expert if persistent	ASAP
NE_F0_X	Call Expert if persistent	ASAP
NE_F0_Z	Call Expert if persistent	ASAP

## NE\_F7

NE_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NE_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NE_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NE_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
NE_F7_TX_CORR	Call Expert if persistent	ASAP
NE_F7_TY_CORR	Call Expert if persistent	ASAP
NE_F7_TZ_CORR	Call Expert if persistent	ASAP
NE_F7_TX	Call Expert if persistent	ASAP
NE_F7_TY	Call Expert if persistent	ASAP
NE_F7_TZ	Call Expert if persistent	ASAP

## NE\_PAY

NE_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NE_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NE_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
NE_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
NE_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
NE_MAR_PSDM_PWR	Notify Expert	Next Unlock
NE_MAR_PSDT_PWR	Notify Expert	Next Unlock
NE_MAR_PSDI_PWR	Notify Expert	Next Unlock
NE_MAR_PSDI_PWR	Notify Expert	Next Unlock

## NE\_BR

NE_BR_LVDT1	Call Expert	Next Unlock
NE_BR_LVDT2	Call Expert	Next Unlock
NE_BR_LVDT3	Call Expert	Next Unlock

## NE\_VERT

NE_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NE_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
NE_F0_COIL_V1	Call Expert if persistent	Next Unlock
NE_F0_COIL_V2	Call Expert if persistent	Next Unlock
NE_F0_LVDT_V	Call Expert	Next Unlock
NE_F4_LVDT_V	Call Expert	Next Unlock
NE_F7_LVDT_V	Call Expert	Next Unlock

## NE\_TE

NE_F0_TE2	Possible HVAC problem: check INF section	ASAP
NE_F4_TE1	Possible HVAC problem: check INF section	ASAP
NE_F7_TE1	Possible HVAC problem: check INF section	ASAP

## NE\_GUARD

NE_F0_GRD_L1	Close Guardian	ASAP
NE_F0_GRD_L1	Close Guardian	ASAP
NE_F0_GRD_L1	Close Guardian	ASAP
NE_MAR_GRD_TX	Close Guardian	ASAP
NE_MAR_GRD_TY	Close Guardian	ASAP
NE_F0_GRD_TG	Close Guardian	ASAP
NE_MAR_GRD_TG	Close Guardian	ASAP

## NE\_ELECTR

NE_PDU_SOCKET1	Call Expert	ASAP
NE_PDU_SOCKET2	Call Expert	ASAP
NE_PDU_SOCKET3	Call Expert	Next Unlock
NE_PDU_SOCKET4	Call Expert	Next Unlock
NE_PDU_SOCKET5	Call Expert	Next Unlock



NE_PDU_SOCKET6	Call Expert	Next Unlock
NE_PDU_SOCKET7	Call Expert	Next Unlock
NE_PDU_SOCKET8	Call Expert	Next Unlock
NE_satserverNE1_State	Call Expert	ASAP

## PR\_IP

Red Flag	Action	When
PR_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
PR_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
PR_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
PR_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
PR_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
PR_F0_COIL_H1	Call Expert if persistent	Next Unlock
PR_F0_COIL_H2	Call Expert if persistent	Next Unlock
PR_F0_COIL_H3	Call Expert if persistent	Next Unlock
PR_F0_TY	Call Expert if persistent	ASAP
PR_F0_X	Call Expert if persistent	ASAP
PR_F0_Z	Call Expert if persistent	ASAP

## PR\_F7

PR_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
PR_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
PR_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
PR_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
PR_F7_TX_CORR	Call Expert if persistent	ASAP
PR_F7_TY_CORR	Call Expert if persistent	ASAP
PR_F7_TZ_CORR	Call Expert if persistent	ASAP
PR_F7_TX	Call Expert if persistent	ASAP
PR_F7_TY	Call Expert if persistent	ASAP
PR_F7_TZ	Call Expert if persistent	ASAP

## PR\_PAY

PR_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
PR_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
PR_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
PR_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
PR_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
PR_MAR_PSDM_PWR	Notify Expert	Next Unlock
PR_MAR_PSDT_PWR	Notify Expert	Next Unlock
PR_MAR_PSDI_PWR	Notify Expert	Next Unlock
PR_MAR_PSDI_PWR	Notify Expert	Next Unlock

## PR\_BR

PR_BR_LVDT1	Call Expert	Next Unlock
PR_BR_LVDT2	Call Expert	Next Unlock
PR_BR_LVDT3	Call Expert	Next Unlock

## PR\_VERT

PR_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
PR_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
PR_F0_COIL_V1	Call Expert if persistent	Next Unlock
PR_F0_COIL_V2	Call Expert if persistent	Next Unlock
PR_F0_LVDT_V	Call Expert	Next Unlock
PR_F4_LVDT_V	Call Expert	Next Unlock
PR_F7_LVDT_V	Call Expert	Next Unlock

## PR\_TE

PR_F0_TE2	Possible HVAC problem: check INF section	ASAP
PR_F4_TE1	Possible HVAC problem: check INF section	ASAP
PR_F7_TE1	Possible HVAC problem: check INF section	ASAP

## PR\_GUARD

PR_F0_GRD_L1	Close Guardian	ASAP
PR_F0_GRD_L1	Close Guardian	ASAP
PR_F0_GRD_L1	Close Guardian	ASAP
PR_MAR_GRD_TX	Close Guardian	ASAP
PR_MAR_GRD_TY	Close Guardian	ASAP
PR_F0_GRD_TG	Close Guardian	ASAP
PR_MAR_GRD_TG	Close Guardian	ASAP

## PR\_ELECTR

PR_PDU_SOCKET1	Call Expert	ASAP
PR_PDU_SOCKET2	Call Expert	ASAP
PR_PDU_SOCKET3	Call Expert	Next Unlock
PR_PDU_SOCKET4	Call Expert	Next Unlock
PR_PDU_SOCKET5	Call Expert	Next Unlock

PR_PDU_SOCKET6	Call Expert	Next Unlock
PR_PDU_SOCKET7	Call Expert	Next Unlock
PR_PDU_SOCKET8	Call Expert	Next Unlock
PR_satserverPR1_State	Call Expert	ASAP

## SR\_IP

Red Flag	Action	When
SR_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
SR_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
SR_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
SR_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
SR_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
SR_F0_COIL_H1	Call Expert if persistent	Next Unlock
SR_F0_COIL_H2	Call Expert if persistent	Next Unlock
SR_F0_COIL_H3	Call Expert if persistent	Next Unlock
SR_F0_TY	Call Expert if persistent	ASAP
SR_F0_X	Call Expert if persistent	ASAP
SR_F0_Z	Call Expert if persistent	ASAP

## SR\_F7

SR_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
SR_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
SR_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
SR_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
SR_F7_TX_CORR	Call Expert if persistent	ASAP
SR_F7_TY_CORR	Call Expert if persistent	ASAP
SR_F7_TZ_CORR	Call Expert if persistent	ASAP
SR_F7_TX	Call Expert if persistent	ASAP
SR_F7_TY	Call Expert if persistent	ASAP
SR_F7_TZ	Call Expert if persistent	ASAP

## SR\_PAY

SR_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
SR_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
SR_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
SR_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
SR_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
SR_MAR_PSDM_PWR	Notify Expert	Next Unlock
SR_MAR_PSDT_PWR	Notify Expert	Next Unlock
SR_MAR_PSDI_PWR	Notify Expert	Next Unlock
SR_MAR_PSDI_PWR	Notify Expert	Next Unlock

## SR\_BR

SR_BR_LVDT1	Call Expert	Next Unlock
SR_BR_LVDT2	Call Expert	Next Unlock
SR_BR_LVDT3	Call Expert	Next Unlock

## SR\_VERT

SR_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
SR_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
SR_F0_COIL_V1	Call Expert if persistent	Next Unlock
SR_F0_COIL_V2	Call Expert if persistent	Next Unlock
SR_F0_LVDT_V	Call Expert	Next Unlock
SR_F4_LVDT_V	Call Expert	Next Unlock
SR_F7_LVDT_V	Call Expert	Next Unlock

## SR\_TE

SR_F0_TE2	Possible HVAC problem: check INF section	ASAP
SR_F4_TE1	Possible HVAC problem: check INF section	ASAP
SR_F7_TE1	Possible HVAC problem: check INF section	ASAP

## SR\_GUARD

SR_F0_GRD_L1	Close Guardian	ASAP
SR_F0_GRD_L1	Close Guardian	ASAP
SR_F0_GRD_L1	Close Guardian	ASAP
SR_MAR_GRD_TX	Close Guardian	ASAP
SR_MAR_GRD_TY	Close Guardian	ASAP
SR_F0_GRD_TG	Close Guardian	ASAP
SR_MAR_GRD_TG	Close Guardian	ASAP

## SR\_ELECTR

SR_PDU_SOCKET1	Call Expert	ASAP
SR_PDU_SOCKET2	Call Expert	ASAP
SR_PDU_SOCKET3	Call Expert	Next Unlock
SR_PDU_SOCKET4	Call Expert	Next Unlock
SR_PDU_SOCKET5	Call Expert	Next Unlock

SR_PDU_SOCKET6	Call Expert	Next Unlock
SR_PDU_SOCKET7	Call Expert	Next Unlock
SR_PDU_SOCKET8	Call Expert	Next Unlock
SR_satsrverSR1_State	Call Expert	ASAP

## WI\_IP

Red Flag	Action	When
WI_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
WI_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
WI_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
WI_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
WI_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
WI_F0_COIL_H1	Call Expert if persistent	Next Unlock
WI_F0_COIL_H2	Call Expert if persistent	Next Unlock
WI_F0_COIL_H3	Call Expert if persistent	Next Unlock
WI_F0_TY	Call Expert if persistent	ASAP
WI_F0_X	Call Expert if persistent	ASAP
WI_F0_Z	Call Expert if persistent	ASAP

## WI\_F7

WI_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WI_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WI_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WI_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WI_F7_TX_CORR	Call Expert if persistent	ASAP
WI_F7_TY_CORR	Call Expert if persistent	ASAP
WI_F7_TZ_CORR	Call Expert if persistent	ASAP
WI_F7_TX	Call Expert if persistent	ASAP
WI_F7_TY	Call Expert if persistent	ASAP
WI_F7_TZ	Call Expert if persistent	ASAP

## WI\_PAY

WI_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WI_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WI_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WI_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
WI_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
WI_MAR_PSDM_PWR	Notify Expert	Next Unlock
WI_MAR_PSDT_PWR	Notify Expert	Next Unlock
WI_MAR_PSDI_PWR	Notify Expert	Next Unlock
WI_MAR_PSDI_PWR	Notify Expert	Next Unlock

## WI\_BR

WI_BR_LVDT1	Call Expert	Next Unlock
WI_BR_LVDT2	Call Expert	Next Unlock
WI_BR_LVDT3	Call Expert	Next Unlock

## WI\_VERT

WI_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
WI_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
WI_F0_COIL_V1	Call Expert if persistent	Next Unlock
WI_F0_COIL_V2	Call Expert if persistent	Next Unlock
WI_F0_LVDT_V	Call Expert	Next Unlock
WI_F4_LVDT_V	Call Expert	Next Unlock
WI_F7_LVDT_V	Call Expert	Next Unlock

## WI\_TE

WI_F0_TE2	Possible HVAC problem: check INF section	ASAP
WI_F4_TE1	Possible HVAC problem: check INF section	ASAP
WI_F7_TE1	Possible HVAC problem: check INF section	ASAP

## WI\_GUARD

WI_F0_GRD_L1	Close Guardian	ASAP
WI_F0_GRD_L1	Close Guardian	ASAP
WI_F0_GRD_L1	Close Guardian	ASAP
WI_MAR_GRD_TX	Close Guardian	ASAP
WI_MAR_GRD_TY	Close Guardian	ASAP
WI_F0_GRD_TG	Close Guardian	ASAP
WI_MAR_GRD_TG	Close Guardian	ASAP

## WI\_ELECTR

WI_PDU_SOCKET1	Call Expert	ASAP
WI_PDU_SOCKET2	Call Expert	ASAP
WI_PDU_SOCKET3	Call Expert	ASAP
WI_PDU_SOCKET4	Call Expert	ASAP
WI_PDU_SOCKET5	Call Expert	ASAP

WI_PDU_SOCKET6	Call Expert	ASAP
WI_PDU_SOCKET7	Call Expert	ASAP
WI_PDU_SOCKET8	Call Expert	ASAP
WI_satserverWI1_State	Call Expert	ASAP

## WE\_IP

Red Flag	Action	When
WE_F0_DC_ENBL	Close Top Stage Loops (VIR-0146A-19)	ASAP
WE_F0_ID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
Sa_WE_F0_ACC_H1_FB	Call Expert if persistent	Next Unlock
Sa_WE_F0_ACC_H2_FB	Call Expert if persistent	Next Unlock
Sa_WE_F0_ACC_H3_FB	Call Expert if persistent	Next Unlock
Sa_WE_F0_COIL_H1	Call Expert if persistent	Next Unlock
Sa_WE_F0_COIL_H2	Call Expert if persistent	Next Unlock
Sa_WE_F0_COIL_H3	Call Expert if persistent	Next Unlock
Sa_WE_F0_TY	Call Expert if persistent	ASAP
Sa_WE_F0_X	Call Expert if persistent	ASAP
Sa_WE_F0_Z	Call Expert if persistent	ASAP

## WE\_F7

WE_F7_DC_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WE_F7_TX_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WE_F7_TY_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WE_F7_TZ_ON	Close F7 Loops (VIR-0146A-19)	ASAP
WE_F7_TX_CORR	Call Expert if persistent	ASAP
WE_F7_TY_CORR	Call Expert if persistent	ASAP
WE_F7_TZ_CORR	Call Expert if persistent	ASAP
WE_F7_TX	Call Expert if persistent	ASAP
WE_F7_TY	Call Expert if persistent	ASAP
WE_F7_TZ	Call Expert if persistent	ASAP

## WE\_PAY

WE_MAR_TX_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WE_MAR_TY_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WE_MAR_Z_ON	Close Local Control Loops (VIR-0146A-19)	ASAP
WE_MIR_COIL_FLAG	Call Expert if persistent	Next Unlock
WE_MAR_COIL_FLAG	Call Expert if persistent	Next Unlock
WE_MAR_PSDM_PWR	Notify Expert	Next Unlock
WE_MAR_PSDT_PWR	Notify Expert	Next Unlock
WE_MAR_PSDI_PWR	Notify Expert	Next Unlock
WE_MAR_PSDI_PWR	Notify Expert	Next Unlock

## WE\_BR

Sa_WE_BR_LVDT1	Call Expert	Next Unlock
Sa_WE_BR_LVDT2	Call Expert	Next Unlock
Sa_WE_BR_LVDT3	Call Expert	Next Unlock

## WE\_VERT

WE_F0_VID_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
WE_F0_VPOS_ON	Close Top Stage Loops (VIR-0146A-19)	ASAP
Sa_WE_F0_COIL_V1	Call Expert if persistent	Next Unlock
Sa_WE_F0_COIL_V2	Call Expert if persistent	Next Unlock
WE_F0_LVDT_V	Call Expert	Next Unlock
WE_F4_LVDT_V	Call Expert	Next Unlock
WE_F7_LVDT_V	Call Expert	Next Unlock

## WE\_TE

WE_F0_TE2	Possible HVAC problem: check INF section	ASAP
WE_F4_TE1	Possible HVAC problem: check INF section	ASAP
WE_F7_TE1	Possible HVAC problem: check INF section	ASAP

## WE\_GUARD

WE_F0_GRD_L1	Close Guardian	ASAP
WE_F0_GRD_L1	Close Guardian	ASAP
WE_F0_GRD_L1	Close Guardian	ASAP
WE_MAR_GRD_TX	Close Guardian	ASAP
WE_MAR_GRD_TY	Close Guardian	ASAP
WE_F0_GRD_TG	Close Guardian	ASAP
WE_MAR_GRD_TG	Close Guardian	ASAP

## WE\_ELECTR

WE_PDU_SOCKET1	Call Expert	ASAP
WE_PDU_SOCKET2	Call Expert	ASAP
WE_PDU_SOCKET3	Call Expert	Next Unlock
WE_PDU_SOCKET4	Call Expert	Next Unlock
WE_PDU_SOCKET5	Call Expert	Next Unlock



WE_PDU_SOCKET6	Call Expert	Next Unlock
WE_PDU_SOCKET7	Call Expert	Next Unlock
WE_PDU_SOCKET8	Call Expert	Next Unlock
WE_satsserverWE1_State	Call Expert	ASAP

**WIND**

Red Flag	Action	When
WindActivity		
IB_FO_TY		
IB_FO_X		
IB_FO_Z		
MC_FO_TY		
MC_FO_X		
MC_FO_Z		
OB_FO_TY		
OB_FO_X		
OB_FO_Z		
BS_FO_TY		
BS_FO_X		
BS_FO_Z		
NI_FO_TY		
NI_FO_X		
NI_FO_Z	Put GIPC in Wind Mode: set SW_SW = 0 in PR	ASAP
NE_FO_TY		
NE_FO_X		
NE_FO_Z		
PR_FO_TY		
PR_FO_X		
PR_FO_Z		
SR_FO_TY		
SR_FO_X		
SR_FO_Z		
WI_FO_TY		
WI_FO_X		
WI_FO_Z		
WE_FO_TY		
WE_FO_X		
WE_FO_Z		

# Earthquake

Red Flag	Action	When
Seismon		
IB_FO_TY		
IB_FO_X		
IB_FO_Z		
MC_FO_TY		
MC_FO_X		
MC_FO_Z		
OB_FO_TY		
OB_FO_X		
OB_FO_Z		
BS_FO_TY		
BS_FO_X		
BS_FO_Z		
NI_FO_TY		
NI_FO_X		
NI_FO_Z	Use Earthquake procedure (see entry <a href="https://logbook.virgo-gw.eu/virgo/?r=45661">https://logbook.virgo-gw.eu/virgo/?r=45661</a> )	ASAP when horizon decrease
NE_FO_TY		
NE_FO_X		
NE_FO_Z		
PR_FO_TY		
PR_FO_X		
PR_FO_Z		
SR_FO_TY		
SR_FO_X		
SR_FO_Z		
WI_FO_TY		
WI_FO_X		
WI_FO_Z		
WE_FO_TY		
WE_FO_X		
WE_FO_Z		