MPS Link Node Inputs:
2020-01-02-c

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1 Link Node 10

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI20:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI20	STATE
□	1	2	VVPG:LI20:1:POSITION	SLOW_VLV_OPEN_LI20	STATE
□	1	3	VVFS:LI20:1:FAST_VLV	FAST_VLV_OPEN_LI20	STATE
□	1	4	MMG:LI20:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI20	STATE
□	1	5	PPS:LI20:72:SECTOR	PPS_SECTOR_OK_SECURE_LI20	STATE
□	1	6	SBST:LI20:1:SBST_OK	MPS_SBST_OK_READY_LI20	STATE
□	1	7	VVS:LI20:1:BREAKER	VVS_BRKR_OK_READY_LI20	STATE
□	1	8	STPR:LI20:1:BASII_POS	BK_BEAM_STPR_LI20	STATE
□	1	9	DUMP:LI20:1:FLOW_SW	DUMP_20_1_FS	STATE
□	1	10	PLIC:LI20:1:SUM	PIC_SUM_LI20	STATE
□	1	11	PICM:LI20:1:HV_PWR	PICM_LI20_1_HV_PWR	STATE
□	2	1	BEND:DMP1:400:BACT_WDOG	BEND_DMP1_400_BACT_WDOG	STATE
□	2	2	MPS:UND1:950:SXRSS_WDOG	MPS_UND1_950_SXRSS_WDOG	STATE
□	2	3	MPS:UND1:950:SX_SS_UND	MPS_UND1_950_SX_SS_UND	STATE
□	2	4	MPS:UND1:950:SX_SASE_X	MPS_UND1_950_SX_SASE_X	STATE
□	2	5	MPS:UND1:950:SX_SS_X	MPS_UND1_950_SX_SS_X	STATE
□	2	6	MPS:UND1:950:SX_HRMNC_X	MPS_UND1_950_SX_HRMNC_X	STATE
□	2	7	MPS:UND1:950:SX_SS_ENERGY	MPS_UND1_950_SX_SS_ENERGY	STATE
□	2	8	MPS:UND1:950:SX_HRMNC_ENERGY	MPS_UND1_950_SX_HRMNC_ENERGY	STATE
□	3	1	MPS:IN20:200:LHSHT1_OUT	MPS_IN20_200_LHSHT1_OUT	FAULT
□	3	2	MPS:IN20:200:LHSHT1_IN	MPS_IN20_200_LHSHT1_IN	FAULT
□	3	3	MPS:IN20:200:LHSHT2_OUT	MPS_IN20_200_LHSHT2_OUT	FAULT
□	3	4	MPS:IN20:200:LHSHT2_IN	MPS_IN20_200_LHSHT2_IN	FAULT
□	3	5	MPS:IN20:200:MSHT1_OUT	MPS_IN20_200_MSHT1_OUT	FAULT
□	3	6	MPS:IN20:200:MSHT1_IN	MPS_IN20_200_MSHT1_IN	FAULT
□	3	7	MPS:IN20:200:MSHT2_OUT	MPS_IN20_200_MSHT2_OUT	FAULT
□	3	8	MPS:IN20:200:MSHT2_IN	MPS_IN20_200_MSHT2_IN	FAULT
□	3	9	MPS:IN20:200:ANDALLACTV	MPS_IN20_200_ANDALLACTV	STATE
□	3	10	MPS:IN20:200:ANDCH1ACTV	MPS_IN20_200_ANDCH1ACTV	STATE
□	3	11	MPS:IN20:200:ANDCH2ACTV	MPS_IN20_200_ANDCH2ACTV	STATE
□	3	12	MPS:IN20:200:ANDCH3ACTV	MPS_IN20_200_ANDCH3ACTV	STATE
□	3	13	MPS:IN20:200:ANDCH4ACTV	MPS_IN20_200_ANDCH4ACTV	STATE
□	3	14	MPS:IN20:200:ANDCH5ACTV	MPS_IN20_200_ANDCH5ACTV	STATE
□	3	15	MPS:IN20:200:ANDCH6ACTV	MPS_IN20_200_ANDCH6ACTV	STATE
□	3	16	MPS:IN20:200:ANDCH7ACTV	MPS_IN20_200_ANDCH7ACTV	STATE
□	4	1	MPS:IN20:200:ANDCH8ACTV	MPS_IN20_200_ANDCH8ACTV	STATE
□	4	2	USEG:UND1:1:ALL_OUT	USEG_UND1_1_ALL_OUT	STATE
□	4	3	XTAL:FEE1:441:PULSEENERGY	XTAL_FEE1_441_PULSEENERGY	THRESHOLD

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	4	GDET:FEE1:1:CAL_OK	GDET_FEE1_1_CAL_OK	STATE
□	5	1	MPS:IN20:100:ANDALLACTV	MPS_IN20_100_ANDALLACTV	STATE
□	5	2	MPS:IN20:100:ANDCH1ACTV	MPS_IN20_100_ANDCH1ACTV	STATE
□	5	3	MPS:IN20:100:ANDCH2ACTV	MPS_IN20_100_ANDCH2ACTV	STATE
□	5	4	MPS:IN20:100:ANDCH3ACTV	MPS_IN20_100_ANDCH3ACTV	STATE
□	5	5	MPS:IN20:100:ANDCH4ACTV	MPS_IN20_100_ANDCH4ACTV	STATE
□	5	6	MPS:IN20:100:ANDCH5ACTV	MPS_IN20_100_ANDCH5ACTV	STATE
□	5	7	MPS:IN20:100:ANDCH6ACTV	MPS_IN20_100_ANDCH6ACTV	STATE
□	5	8	MPS:IN20:100:ANDCH7ACTV	MPS_IN20_100_ANDCH7ACTV	STATE
□	5	9	MPS:IN20:100:ANDCH8ACTV	MPS_IN20_100_ANDCH8ACTV	STATE

2 Link Node 11

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	VVPG:IN20:155:POSITION	VV_BL155	STATE
□	1	2	VVPG:IN20:435:POSITION	VV_BL435	STATE
□	1	3	VVPG:IN20:545:POSITION	VV_BL545	STATE
□	1	4	VVPG:IN20:635:POSITION	VV_BL635	STATE
□	1	5	VVPG:IN20:915:POSITION	VV_IS915	STATE
□	1	6	VVMG:IN20:175:POSITION	VV_BL175	STATE
□	1	7	VVMG:LI21:196:POSITION	VV_BL195	STATE
□	1	8	MKSU:LI20:61:WGVACSUM	WGVACGUN	STATE
□	1	9	YAGS:IN20:211:OUT_LMTSW	YAGS_IN20_211_OUT_LMTSW	STATE
□	1	10	YAGS:IN20:211:IN_LMTSW	YAGS_IN20_211_IN_LMTSW	STATE
□	1	11	YAGS:IN20:241:OUT_LMTSW	YAGS_IN20_241_OUT_LMTSW	STATE
□	1	12	YAGS:IN20:241:IN_LMTSW	YAGS_IN20_241_IN_LMTSW	STATE
□	1	13	YAGS:IN20:351:OUT_LMTSW	YAGS_IN20_351_OUT_LMTSW	STATE
□	1	14	YAGS:IN20:351:IN_LMTSW	YAGS_IN20_351_IN_LMTSW	STATE
□	1	15	YAGS:IN20:471:OUT_LMTSW	YAGS_IN20_471_OUT_LMTSW	STATE
□	1	16	YAGS:IN20:471:IN_LMTSW	YAGS_IN20_471_IN_LMTSW	STATE
□	2	1	YAGS:IN20:841:OUT_LMTSW	YAGS_IN20_841_OUT_LMTSW	STATE
□	2	2	YAGS:IN20:841:IN_LMTSW	YAGS_IN20_841_IN_LMTSW	STATE
□	2	3	YAGS:IN20:921:OUT_LMTSW	YAGS_IN20_921_OUT_LMTSW	STATE
□	2	4	YAGS:IN20:921:IN_LMTSW	YAGS_IN20_921_IN_LMTSW	STATE
□	2	5	YAGS:LI21:995:OUT_LMTSW	YAGS_LI21_995_OUT_LMTSW	STATE
□	2	6	YAGS:LI21:995:IN_LMTSW	YAGS_LI21_995_IN_LMTSW	STATE
□	2	7	OTRS:IN20:541:OUT_LMTSW	OTRS_IN20_541_OUT_LMTSW	STATE
□	2	8	OTRS:IN20:541:IN_LMTSW	OTRS_IN20_541_IN_LMTSW	STATE
□	2	9	OTRS:IN20:571:OUT_LMTSW	OTRS_IN20_571_OUT_LMTSW	STATE
□	2	10	OTRS:IN20:571:IN_LMTSW	OTRS_IN20_571_IN_LMTSW	STATE
□	2	11	OTRS:IN20:621:OUT_LMTSW	OTRS_IN20_621_OUT_LMTSW	STATE
□	2	12	OTRS:IN20:621:IN_LMTSW	OTRS_IN20_621_IN_LMTSW	STATE
□	2	13	OTRS:IN20:711:OUT_LMTSW	OTRS_IN20_711_OUT_LMTSW	STATE
□	2	14	OTRS:IN20:711:IN_LMTSW	OTRS_IN20_711_IN_LMTSW	STATE
□	2	15	OTRS:IN20:991:OUT_LMTSW	OTRS_IN20_991_OUT_LMTSW	STATE
□	2	16	OTRS:IN20:991:IN_LMTSW	OTRS_IN20_991_IN_LMTSW	STATE
□	3	1	OTRS:LI21:237:OUT_LMTSW	OTRS_LI21_237_OUT_LMTSW	STATE
□	3	2	OTRS:LI21:237:IN_LMTSW	OTRS_LI21_237_IN_LMTSW	STATE
□	3	3	OTRS:LI21:291:OUT_LMTSW	OTRS_LI21_291_OUT_LMTSW	STATE
□	3	4	OTRS:LI21:291:IN_LMTSW	OTRS_LI21_291_IN_LMTSW	STATE
□	3	5	TORO:IN20:215:CHASIM11	CHASIM11	STATE
□	3	6	TORO:IN20:431:CHASIM12	CHASIM12	STATE

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	7	MIRR:IN20:191:AM1_OUT	MR_BL191	STATE
□	3	8	WKFL:IN20:231:OUT	WL_BL231_OUT	STATE
□	3	9	WKFL:IN20:231:IN	WL_BL231_IN	STATE
□	3	10	TIU:LI20:1:RECEIVER	TIU_2921	STATE
□	3	11	COLL:LI21:235:KLIXON	CE11_KLIXON	STATE
□	3	12	DUMP:LI21:305:FLOW_SW	FS_BL305	STATE
□	3	13	FLTR:IN20:130:FLT1_OUT	LHATTEN_OUT_LIMIT	STATE
□	3	14	FLTR:IN20:130:FLT1_IN	LHATTEN_IN_LIMIT	STATE
□	3	15	FLTR:IN20:450:FLT1_OUT	LHPHD_OUT_LIMIT	STATE
□	3	16	FLTR:IN20:450:FLT1_IN	LHPHD_IN_LIMIT	STATE
□	4	1	STPR:IN20:BL551:POSITION	ST_BL551	STATE
□	4	2	TORO:IN20:BL215:MPS_STATE	TR_BL215	STATE
□	4	3	TORO:IN20:203:TC203L1	TC203L1	STATE
□	4	4	TORO:IN20:203:TC203L2	TC203L2	STATE
□	4	5	TORO:IN20:971:TC2S1L1	TC2S1L1	STATE
□	4	6	TORO:IN20:971:TC2S1L2	TC2S1L2	STATE
□	4	7	TORO:LI21:205:TCBC1L1	TCBC1L1	STATE
□	4	8	TORO:LI21:205:TCBC1L2	TCBC1L2	STATE
□	4	9	DUMP:LI21:305:TD11_OUT	TD11_OUT_LIMIT	STATE
□	4	10	DUMP:LI21:305:TD11_IN	TD11_IN_LIMIT	STATE
□	4	11	STPR:LI20:1:BASII_OUT	BASII_ST_OUT_LIMIT	STATE
□	4	12	STPR:LI20:1:BASII_IN	BASII_ST_IN_LIMIT	STATE
□	4	14	XTAL:UND1:1650:POSITIONSTAT	XTAL_UND1_1650_POSITIONSTAT	STATE
□	4	15	BEND:DMP1:400:INTOL_BRANGE	BEND_DMP1_400_INTOL_BRANGE	STATE
□	4	16	OTRS:IN20:471:IN_LMTSW	OTRH2_IN_LIMIT	STATE
□	5	1	SEPT:LI19:172:HLAM_ENB	HLAM_ENB	STATE
□	5	2	KICK:LI20:7:EKIC_ENB	EKIC_ENB	STATE
□	5	3	JMTR:IN20:1:JOULEMTR	JOULEMTR	STATE
□	5	4	JMTR:IN20:2:JOULEMTR2	JOULEMTR2	STATE
□	5	5	COLL:LI21:235:OUT_LMTSW	CE11_X1_X2_MOTOR	STATE
□	5	6	MOVR:LI21:235:BC1_POS_OK	BC1_CHICANE	STATE
□	5	7	BEND:UND1:1640:INTOL_BMIN	BEND_UND1_1640_INTOL_BMIN	STATE
□	5	8	MBRC:LI20:8:BEAMPERM	BEAM_PERMIT	STATE
□	5	9	OTRS:IN20:465:OUT_LMTSW	OTRH1_OUT_LIMIT	STATE
□	5	10	OTRS:IN20:465:IN_LMTSW	OTRH1_IN_LIMIT	STATE
□	5	11	OTRS:IN20:471:OUT_LMTSW	OTRH2_OUT_LIMIT	STATE
□	5	12	BLEN:LI21:265:BL11_OUT	MIR_BL11_OUT	STATE
□	5	13	BLEN:LI21:265:BL11_IN	MIR_BL11_IN	STATE
□	5	14	MBRC:IN20:1:SS_MODE	SS_MODE	STATE
□	5	15	MBRC:IN20:1:SS_REQST	SS_REQST	STATE
□	5	16	COLL:LI21:235:FLOW_SW	COLL_LI21_235_OPEN	STATE

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	6	1	SHUT:IN20:1:FAULT	SHFLT	STATE
□	6	2	SHUT:IN20:1:BYPASS	SHFLTBYP	STATE
□	6	3	BEND:IN20:751:STATE_ON	BEND_IN20_751_OK	STATE
□	6	4	BEND:IN20:751:STATE_OFF	BEND_IN20_751_OFF	STATE
□	6	5	BEND:IN20:231:STATE_ON	BEND_IN20_231_OK	STATE
□	6	6	BEND:IN20:231:STATE_OFF	BEND_IN20_231_OFF	STATE
□	6	7	BEND:IN20:931:STATE_ON	BEND_IN20_931_OK	STATE
□	6	8	BEND:IN20:931:STATE_OFF	BEND_IN20_931_OFF	STATE
□	6	9	XTAL:UND1:1650:IN_ENCDR	XTAL_UND1_1650_IN_ENCDR	STATE
□	6	10	MIRR:FEE1:1560:ENERGY	MIRR_FEE1_1560_ENERGY	STATE
□	6	11	IOC:IN20:MP01:HEARTBEATSUM	MN_HEART	STATE
□	6	12	XTAL:FEE1:441:ENERGY	XTAL_FEE1_441_ENERGY	STATE
□	6	15	VVFV:IN20:785:OPEN_LMTSW	VVFV_IN20_785_OPEN_LMTSW	POSITION
□	6	16	KLYS:LI20:61:PEAKPOWER	FLT_20_6_TRP	STATE
□	7	8	PICM:IN20:665:NO_TRIG	PICM_IN20_665_NO_TRIG	MISSED
□	9	1	PICM:IN20:665:LOSSL	PICM_IN20_665_LOSSL	THRESHOLD
□	9	2	PICM:IN20:665:LOSSH	PICM_IN20_665_LOSSH	THRESHOLD
□	10	1	PICM:IN20:775:LOSSL	PICM_IN20_775_LOSSL	THRESHOLD
□	10	2	PICM:IN20:775:LOSSH	PICM_IN20_775_LOSSH	THRESHOLD
□	11	1	PICM:IN20:933:LOSSL	PICM_IN20_933_LOSSL	THRESHOLD
□	11	2	PICM:IN20:933:LOSSH	PICM_IN20_933_LOSSH	THRESHOLD
□	12	1	PICM:IN20:185:LOSSL	PICM_IN20_185_LOSSL	THRESHOLD
□	12	2	PICM:IN20:185:LOSSH	PICM_IN20_185_LOSSH	THRESHOLD
□	13	1	PICM:IN20:232:LOSSL	PICM_IN20_232_LOSSL	THRESHOLD
□	13	2	PICM:IN20:232:LOSSH	PICM_IN20_232_LOSSH	THRESHOLD
□	14	1	PICM:IN20:245:LOSSL	PICM_IN20_245_LOSSL	THRESHOLD
□	14	2	PICM:IN20:245:LOSSH	PICM_IN20_245_LOSSH	THRESHOLD

3 Link Node 12

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	2	VVPG:LI21:1:POSITION	SLOW_VLV_OPEN_LI21	STATE
□	1	4	MMG:LI21:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI21	STATE
□	1	5	PPS:LI21:72:SECTOR	PPS_SECTOR_OK_SECURE_LI21	STATE
□	1	6	SBST:LI21:1:SBST_OK	MPS_SBST_OK_READY_LI21	STATE

4 Link Node 13

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI22:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI22	STATE
□	1	2	VVPG:LI22:1:POSITION	SLOW_VLV_OPEN_LI22	STATE
□	1	3	VVFS:LI22:1:FAST_VLV	FAST_VLV_OPEN_LI22	STATE
□	1	4	MMG:LI22:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI22	STATE
□	1	5	PPS:LI22:72:SECTOR	PPS_SECTOR_OK_SECURE_LI22	STATE
□	1	6	SBST:LI22:1:SBST_OK	MPS_SBST_OK_READY_LI22	STATE
□	1	7	VVS:LI22:1:BREAKER	VVS_BRKR_OK_READY_LI22	STATE

5 Link Node 14

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI23:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI23	STATE
□	1	2	VVPG:LI23:1:POSITION	SLOW_VLV_OPEN_LI23	STATE
□	1	3	VVFS:LI23:1:FAST_VLV	FAST_VLV_OPEN_LI23	STATE
□	1	4	MMG:LI23:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI23	STATE
□	1	5	PPS:LI23:72:SECTOR	PPS_SECTOR_OK_SECURE_LI23	STATE
□	1	6	SBST:LI23:1:SBST_OK	MPS_SBST_OK_READY_LI23	STATE

6 Link Node 15

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI24:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI24	STATE
□	1	2	VVPG:LI24:1:POSITION	SLOW_VLV_OPEN_LI24	STATE
□	1	3	VVFS:LI24:1:FAST_VLV	FAST_VLV_OPEN_LI24	STATE
□	1	4	MMG:LI24:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI24	STATE
□	1	5	PPS:LI24:72:SECTOR	PPS_SECTOR_OK_SECURE_LI24	STATE
□	1	6	SBST:LI24:1:SBST_OK	MPS_SBST_OK_READY_LI24	STATE
□	1	7	VVS:LI24:1:BREAKER	VVS_BRKR_OK_READY_LI24	STATE
□	1	11	PICM:LI24:1:HV_PWR	PICM_LI24_1_HV_PWR	STATE
□	1	14	TORO:LI24:707:TCBC2L1	TCBC2L1	STATE
□	1	15	TORO:LI24:707:TCBC2L2	TCBC2L2	STATE
□	1	16	TORO:LI24:1:CHASIMB2	CHASIMB2	STATE

7 Link Node 16

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	OTRS:LI24:807:OUT_LMTSW	OTRS_LI24_807_OUT_LMTSW	STATE
□	1	2	OTRS:LI24:807:IN_LMTSW	OTRS_LI24_807_IN_LMTSW	STATE
□	1	5	OTRS:LI25:920:OUT_LMTSW	OTR_TCAV_OUT	STATE
□	1	6	OTRS:LI25:920:IN_LMTSW	OTR_TCAV_IN	STATE
□	1	7	CHIC:LI24:790:BC2_LGPS	BC2_LGPS	STATE
□	1	8	PICM:LI24:1:GAS_PRESS	PIC_GAS_PRESS	STATE
□	1	9	BLEN:LI25:886:BL22_OUT	BL22_OUT	STATE
□	1	10	BLEN:LI25:886:BL22_IN	BL22_IN	STATE
□	1	11	COLL:LI24:805:POSITION	COL_805	STATE
□	1	12	COLL:LI24:805:FLOW_SW	COL_805_FLOSW	STATE
□	1	13	VVPG:LI24:710:POSITION	VV21	STATE
□	1	14	VVPG:LI24:896:POSITION	VV22	STATE
□	1	15	CHIC:LI24:805:BC2_POS_OK	BC2_CHICANE	STATE
□	1	16	CHIC:LI24:790:BC2_BEND	BC2_BEND	STATE
□	7	8	PICM:LI24:791:NO_TRIG	PICM_LI24_791_NO_TRIG	MISSED
□	9	1	PICM:LI24:791:LOSSL	PICM_LI24_791_LOSSL	THRESHOLD
□	9	2	PICM:LI24:791:LOSSH	PICM_LI24_791_LOSSH	THRESHOLD
□	10	1	PICM:LI24:811:LOSSL	PICM_LI24_811_LOSSL	THRESHOLD
□	10	2	PICM:LI24:811:LOSSH	PICM_LI24_811_LOSSH	THRESHOLD

8 Link Node 17

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI25:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI25	STATE
□	1	3	VVFS:LI25:1:FAST_VLV	FAST_VLV_OPEN_LI25	STATE
□	1	4	MMG:LI25:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI25	STATE
□	1	5	PPS:LI25:72:SECTOR	PPS_SECTOR_OK_SECURE_LI25	STATE
□	1	6	SBST:LI25:1:SBST_OK	MPS_SBST_OK_READY_LI25	STATE

9 Link Node 18

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI26:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI26	STATE
□	1	2	VVPG:LI26:1:POSITION	SLOW_VLV_OPEN_LI26	STATE
□	1	3	VVFS:LI26:1:FAST_VLV	FAST_VLV_OPEN_LI26	STATE
□	1	4	MMG:LI26:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI26	STATE
□	1	5	PPS:LI26:72:SECTOR	PPS_SECTOR_OK_SECURE_LI26	STATE
□	1	6	SBST:LI26:1:SBST_OK	MPS_SBST_OK_READY_LI26	STATE
□	1	7	VVS:LI26:1:BREAKER	VVS_BRKR_OK_READY_LI26	STATE

10 Link Node 19

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI27:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI27	STATE
□	1	2	VVPG:LI27:1:POSITION	SLOW_VLV_OPEN_LI27	STATE
□	1	3	VVFS:LI27:1:FAST_VLV	FAST_VLV_OPEN_LI27	STATE
□	1	4	MMG:LI27:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI27	STATE
□	1	5	PPS:LI27:72:SECTOR	PPS_SECTOR_OK_SECURE_LI27	STATE
□	1	6	SBST:LI27:1:SBST_OK	MPS_SBST_OK_READY_LI27	STATE

11 Link Node 20

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI28:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI28	STATE
□	1	2	VVPG:LI28:1:POSITION	SLOW_VLV_OPEN_LI28	STATE
□	1	3	VVFS:LI28:1:FAST_VLV	FAST_VLV_OPEN_LI28	STATE
□	1	4	MMG:LI28:1:MM_GAUGE	MPS_MM_GAUGE_OK_LI28	STATE
□	1	5	PPS:LI28:72:SECTOR	PPS_SECTOR_OK_SECURE_LI28	STATE
□	1	6	SBST:LI28:1:SBST_OK	MPS_SBST_OK_READY_LI28	STATE
□	1	7	VVS:LI28:1:BREAKER	VVS_BRKR_OK_READY_LI28	STATE
□	1	9	DUMP:LI28:5879:KLIXON	DUMP_5879_KLIXON_OK	STATE
□	1	10	DUMP:LI28:5879:FLOW_SW	DUMP_5879_FLOW_SW	STATE
□	1	11	STPR:LI28:950:BASII_IN	BASII_STOPPER_IN	STATE
□	1	12	STPR:LI28:950:BASII_OUT	BASII_STOPPER_OUT	STATE

12 Link Node 21

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI29:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI29	STATE
□	1	2	VVPG:LI29:1:POSITION	SLOW_VLV_OPEN_LI29	STATE
□	1	3	VVFS:LI29:1:FAST_VLV	FAST_VLV_OPEN_LI29	STATE
□	1	4	MMG:LI29:1:MM_GAUGE	MPS_MM_GAUGE_OK	STATE
□	1	5	PPS:LI29:72:SECTOR	PPS_SECTOR_OK_SECURE_LI29	STATE
□	1	6	SBST:LI29:1:SBST_OK	MPS_SBST_OK_READY_LI29	STATE
□	1	7	COLL:LI29:96:28_9_FS	FLOW_SW_28_9	STATE
□	1	8	COLL:LI29:146:29_1_FS	FLOW_SW_29_1	STATE
□	1	9	COLL:LI29:446:29_4_FS	FLOW_SW_29_4	STATE
□	1	10	COLL:LI29:546:29_5_FS	FLOW_SW_29_5	STATE
□	1	11	PLIC:LI29:1:SYS_OK	PLIC_SYSTEM_OK	STATE

13 Link Node 22

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	COLL:LI30:900:SCRAPER_FS	MPS_SCRAPPER_FLOW_OK_LI30	STATE
□	1	2	VVPG:LI30:1:POSITION	SLOW_VLV_OPEN_LI30	STATE
□	1	3	VVFS:LI30:1:FAST_VLV	FAST_VLV_OPEN_LI30	STATE
□	1	4	MMG:LI30:1:MM_GAUGE	MPS_MM_GAUGE_30_5_OK	STATE
□	1	5	PPS:LI30:72:SECTOR	PPS_SECTOR_OK_SECURE_LI30	STATE
□	1	6	SBST:LI30:1:SBST_OK	MPS_SBST_OK_READY_LI30	STATE
□	1	7	VVS:LI30:1:BREAKER	VVS_BRKR_OK_READY_LI30	STATE
□	1	8	VVPG:LI30:43:SLOW_VLV30_9	SLOW_VLV_30_9_OK_OPEN	STATE
□	1	9	MMG:LI30:1:MMG30_9	MPS_MM_GAUGE_30_9_OK	STATE
□	1	13	COLL:LI30:96:29_9_FS	FLOW_SW_29_9	STATE
□	1	14	COLL:LI30:146:30_1_FS	FLOW_SW_30_1	STATE
□	1	15	COLL:LI30:446:30_4_FS	FLOW_SW_30_4	STATE
□	1	16	COLL:LI30:546:30_5_FS	FLOW_SW_30_5	STATE
□	2	1	PICM:LI30:1:HV_PWR	PICM_LI30_1_HV_PWR	STATE
□	7	8	PICM:LI28:916:NO_TRIG	PICM_LI28_916_NO_TRIG	MISSED
□	9	1	PICM:LI28:916:LOSSL	PICM_LI28_916_LOSSL	THRESHOLD
□	9	2	PICM:LI28:916:LOSSH	PICM_LI28_916_LOSSH	THRESHOLD
□	10	1	PICM:LI29:146:LOSSL	PICM_LI29_146_LOSSL	THRESHOLD
□	10	2	PICM:LI29:146:LOSSH	PICM_LI29_146_LOSSH	THRESHOLD
□	11	1	PICM:LI29:446:LOSSL	PICM_LI29_446_LOSSL	THRESHOLD
□	11	2	PICM:LI29:446:LOSSH	PICM_LI29_446_LOSSH	THRESHOLD
□	12	1	PICM:LI29:546:LOSSL	PICM_LI29_546_LOSSL	THRESHOLD
□	12	2	PICM:LI29:546:LOSSH	PICM_LI29_546_LOSSH	THRESHOLD
□	13	1	PICM:LI29:801:LOSSL	PICM_LI29_801_LOSSL	THRESHOLD
□	13	2	PICM:LI29:801:LOSSH	PICM_LI29_801_LOSSH	THRESHOLD
□	17	1	PICM:LI29:956:LOSSL	PICM_LI29_956_LOSSL	THRESHOLD
□	17	2	PICM:LI29:956:LOSSH	PICM_LI29_956_LOSSH	THRESHOLD
□	18	1	PICM:LI30:146:LOSSL	PICM_LI30_146_LOSSL	THRESHOLD
□	18	2	PICM:LI30:146:LOSSH	PICM_LI30_146_LOSSH	THRESHOLD
□	19	1	PICM:LI30:446:LOSSL	PICM_LI30_446_LOSSL	THRESHOLD
□	19	2	PICM:LI30:446:LOSSH	PICM_LI30_446_LOSSH	THRESHOLD
□	20	1	PICM:LI30:546:LOSSL	PICM_LI30_546_LOSSL	THRESHOLD
□	20	2	PICM:LI30:546:LOSSH	PICM_LI30_546_LOSSH	THRESHOLD
□	21	1	PICM:LI30:801:LOSSL	PICM_LI30_801_LOSSL	THRESHOLD
□	21	2	PICM:LI30:801:LOSSH	PICM_LI30_801_LOSSH	THRESHOLD

14 Link Node 23

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	2	1	KICK:BSY0:66:PM1_ON	KICK_BSY0_66_PM1_ON	STATUS
□	2	2	KICK:BSY0:66:PM1_OFF	KICK_BSY0_66_PM1_OFF	STATUS
□	2	3	KICK:BSY0:66:PM1_TRIG_ENB	KICK_BSY0_66_PM1_TRIG_ENB	STATUS
□	2	4	KICK:BSY0:66:PM1_TRIG_LOCK	KICK_BSY0_66_PM1_TRIG_LOCK	STATUS
□	2	5	KICK:BSY0:66:PM2_ON	KICK_BSY0_66_PM2_ON	STATUS
□	2	6	KICK:BSY0:66:PM2_OFF	KICK_BSY0_66_PM2_OFF	STATUS
□	2	7	KICK:BSY0:66:PM2_TRIG_ENB	KICK_BSY0_66_PM2_TRIG_ENB	STATUS
□	2	8	KICK:BSY0:66:PM2_TRIG_LOCK	KICK_BSY0_66_PM2_TRIG_LOCK	STATUS

15 Link Node 25

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	6	VGFS:BSY0:2:FSG1_OK	FSG1_VAC_OK	STATE
□	1	7	VGFS:BSY0:2:FSG12_OK	FSG12_VAC_OK	STATE
□	1	8	VGFS:BSY0:2:FSG3_OK	FSG3_VAC_OK	STATE
□	1	9	VGFS:BSY0:2:FSG10_OK	FSG10_VAC_OK	STATE
□	1	10	WATR:BSY0:3:HTEXCH2_FS	HTEXCH2	STATE
□	1	11	WATR:BSY0:3:HX1RCBNR	HYDRECM1	STATE
□	1	12	WATR:BSY0:3:HX2RCBNR	HYDRECM2	STATE
□	2	2	MISC:MCC0:1:EMG_RAD_STOP	EMG_RAD_STOP	STATE
□	2	5	PPS:MCC0:1:BATTP24OVER	PPS_MCC0_1_BATTP24OVER	STATE
□	2	6	PPS:MCC0:1:BATTP24UNDER	PPS_MCC0_1_BATTP24UNDER	STATE
□	2	7	PPS:MCC0:1:BATTN24OVER	PPS_MCC0_1_BATTN24OVER	STATE
□	2	8	PPS:MCC0:1:BATTN24UNDER	PPS_MCC0_1_BATTN24UNDER	STATE
□	2	9	CHAS:MCC0:2:BTM_GAS	CHAS_MCC0_2_BTM_GAS	STATE
□	2	10	CHAS:MCC0:2:BAS2_BTM	CHAS_MCC0_2_BAS2_BTM	STATE
□	2	11	CHAS:MCC0:2:TEMP_SUM	CHAS_MCC0_2_TEMP_SUM	STATE
□	2	12	CHAS:MCC0:2:EPVTANK	CHAS_MCC0_2_EPVTANK	STATE
□	2	13	CHAS:MCC0:2:CCR_BAT	CHAS_MCC0_2_CCR_BAT	STATE
□	3	2	CHAS:MCC0:1:LNW_BSO	CHAS_MCC0_1_LNW_BSO	STATE
□	3	3	CHAS:MCC0:1:PPS30MCC	CHAS_MCC0_1_PPS30MCC	STATE
□	3	4	CHAS:MCC0:1:PPS_2_20	CHAS_MCC0_1_PPS_2_20	STATE
□	3	5	CHAS:MCC0:1:PPS_UND	CHAS_MCC0_1_PPS_UND	STATE
□	3	6	CHAS:MCC0:1:PPS_WE	CHAS_MCC0_1_PPS_WE	STATE
□	3	7	CHAS:MCC0:1:PPS_S2_S29	CHAS_MCC0_1_PPS_S2_S29	STATE
□	3	8	CHAS:MCC0:1:WE_BSOIC	CHAS_MCC0_1_WE_BSOIC	STATE
□	3	9	CHAS:MCC0:1:EE_BSOIC	CHAS_MCC0_1_EE_BSOIC	STATE
□	3	11	CHAS:MCC0:1:LCLSS20BSOIC	CHAS_MCC0_1_LCLSBSOIC	STATE
□	3	12	CHAS:MCC0:1:UNDBSOIC	CHAS_MCC0_1_UNDBSOIC	STATE
□	3	13	CHAS:MCC0:2:BSOIC_ANLG	CHAS_MCC0_2_BSOIC_ANLG	STATE
□	3	14	CHAS:MCC0:2:VAX_TEMP	CHAS_MCC0_2_VAX_TEMP	STATE
□	3	15	CHAS:MCC0:2:SITE_AIR	CHAS_MCC0_2_SITE_AIR	STATE
□	3	16	CHAS:MCC0:2:STPR409_TEMP	CHAS_MCC0_2_STPR409_TEMP	STATE
□	4	2	CHAS:MCC0:1:VDPS_TEMP	CHAS_MCC0_1_VDPS_TEMP	STATE
□	4	3	CHAS:MCC0:1:DR_LCW	CHAS_MCC0_1_DR_LCW	STATE
□	4	5	CHAS:MCC0:1:MCC_PLIC	CHAS_MCC0_1_MCC_PLIC	STATE
□	4	6	CHAS:MCC0:1:MCC_BAT	CHAS_MCC0_1_MCC_BAT	STATE
□	4	9	CHAS:MCC0:1:1200_LEVEL	CHAS_MCC0_1_1200_LEVEL	STATE
□	4	10	CHAS:MCC0:1:1200_PUMP	CHAS_MCC0_1_1200_PUMP	STATE
□	4	11	CHAS:MCC0:1:1201_PUMP	CHAS_MCC0_1_1201_PUMP	STATE

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	12	CHAS:MCC0:1:1202_PUMP	CHAS_MCC0_1_1202_PUMP	STATE
□	4	15	CHAS:MCC0:1:BDERCBNR	CHAS_MCC0_1_BDERCBNR	STATE
□	5	1	PROF:BSYA:1:OUT_SUM	PROF_BSYA_1_OUT_SUM	STATE
□	5	2	BEND:BSYA:140:B1_2_PS_ON	BEND_BSYA_140_B1_2_PS_ON	STATE
□	5	3	COLL:BSYA:1015:FLOW_SW	COLL_BSYA_1015_FLOW_SW	STATE
□	5	4	VVFS:BSYA:1030:POSITION	VVFS_BSYA_1030_POSITION	STATE
□	5	5	VVPG:BSYA:1018:POSITION	VVPG_BSYA_1018_POSITION	STATE
□	5	6	BEND:BSYA:1100:B11_PS_ON	BEND_BSYA_1100_B11_PS_ON	STATE
□	5	7	BPM:BSYA:1020:FLOW_SW	BPM_BSYA_1020_FLOW_SW	STATE
□	5	8	QUAD:BSYA:1010:Q10_PS_ON	QUAD_BSYA_1010_Q10_PS_ON	STATE
□	5	9	QUAD:BSYA:1090:Q11_PS_ON	QUAD_BSYA_1090_Q11_PS_ON	STATE
□	5	10	BPM:BSYA:1240:FLOW_SW	BPM_BSYA_1240_FLOW_SW	STATE
□	5	11	COLL:BSYA:1230:FLOW_SW	COLL_BSYA_1230_FLOW_SW	STATE
□	5	12	VVPG:BSYA:2635:POSITION	VVPG_BSYA_2635_POSITION	STATE
□	5	13	VVFS:BSYA:2855:POSITION	VVFS_BSYA_2855_POSITION	STATE
□	5	14	VVPG:BSYA:4005:POSITION	VVPG_BSYA_4005_POSITION	STATE
□	5	15	STPR:BSY0:88:IN_LIMIT	STPR_BSY0_88_IN_LIMIT	POSITION
□	5	16	STPR:BSY0:88:OUT_LIMIT	STPR_BSY0_88_OUT_LIMIT	POSITION
□	6	1	PICM:BSY0:1:HV_PWR	PICM_BSY0_1_HV_PWR	STATE
□	6	2	PICM:BSY0:2:HV_PWR	PICM_BSY0_2_HV_PWR	STATE
□	6	3	PICM:BSY0:3:HV_PWR	PICM_BSY0_3_HV_PWR	STATE
□	6	4	PICM:BSY0:4:HV_PWR	PICM_BSY0_4_HV_PWR	STATE
□	6	5	PICM:BSY0:5:HV_PWR	PICM_BSY0_5_HV_PWR	STATE
□	6	6	PICM:BSY0:6:HV_PWR	PICM_BSY0_6_HV_PWR	STATE
□	6	7	BEND:BSYA:140:PS_OFF_A	BEND_BSYA_140_PS_OFF_A	STATE
□	6	8	BEND:BSYA:140:PS_OFF_B	BEND_BSYA_140_PS_OFF_B	STATE
□	6	10	TRGT:BSYA:964:OUT_LIMSW	TRGT_BSYA_964_OUT_LIMSW	POSITION
□	6	11	TRGT:BSYA:964:IN_LIMSW	TRGT_BSYA_964_IN_LIMSW	POSITION
□	7	8	PICM:BSY0:16:NO_TRIG	PICM_BSY0_16_NO_TRIG	MISSED
□	9	1	PICM:BSYH:479:LOSSL	PICM_BSYH_479_LOSSL	THRESHOLD
□	9	2	PICM:BSYH:479:LOSSH	PICM_BSYH_479_LOSSH	THRESHOLD
□	10	1	PICM:BSYH:487:LOSSL	PICM_BSYH_487_LOSSL	THRESHOLD
□	10	2	PICM:BSYH:487:LOSSH	PICM_BSYH_487_LOSSH	THRESHOLD
□	11	1	PICM:BSYH:495:LOSSL	PICM_BSYH_495_LOSSL	THRESHOLD
□	11	2	PICM:BSYH:495:LOSSH	PICM_BSYH_495_LOSSH	THRESHOLD
□	12	1	PICM:BSYH:836:LOSSL	PICM_BSYH_836_LOSSL	THRESHOLD
□	12	2	PICM:BSYH:836:LOSSH	PICM_BSYH_836_LOSSH	THRESHOLD
□	13	1	PICM:BSYH:503:LOSSL	PICM_BSYH_503_LOSSL	THRESHOLD
□	13	2	PICM:BSYH:503:LOSSH	PICM_BSYH_503_LOSSH	THRESHOLD
□	22	1	PICM:BSYA:1016:LOSSL	PICM_BSYA_1016_LOSSL	THRESHOLD
□	22	2	PICM:BSYA:1016:LOSSH	PICM_BSYA_1016_LOSSH	THRESHOLD

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	23	1	PICM:BSYA:1021:LOSSL	PICM_BSYA_1021_LOSSL	THRESHOLD
□	23	2	PICM:BSYA:1021:LOSSH	PICM_BSYA_1021_LOSSH	THRESHOLD
□	24	1	PICM:BSYA:1120:LOSSL	PICM_BSYA_1120_LOSSL	THRESHOLD
□	24	2	PICM:BSYA:1120:LOSSH	PICM_BSYA_1120_LOSSH	THRESHOLD
□	25	1	PICM:BSYA:1320:LOSSL	PICM_BSYA_1320_LOSSL	THRESHOLD
□	25	2	PICM:BSYA:1320:LOSSH	PICM_BSYA_1320_LOSSH	THRESHOLD
□	26	1	PICM:BSYA:1520:LOSSL	PICM_BSYA_1520_LOSSL	THRESHOLD
□	26	2	PICM:BSYA:1520:LOSSH	PICM_BSYA_1520_LOSSH	THRESHOLD
□	27	1	PICM:BSYA:1980:LOSSL	PICM_BSYA_1980_LOSSL	THRESHOLD
□	27	2	PICM:BSYA:1980:LOSSH	PICM_BSYA_1980_LOSSH	THRESHOLD
□	28	1	PICM:BSYA:1701A:LOSSL	PICM_BSYA_1701A_LOSSL	THRESHOLD
□	28	2	PICM:BSYA:1701A:LOSSH	PICM_BSYA_1701A_LOSSH	THRESHOLD
□	29	1	PICM:BSYA:1701B:LOSSL	PICM_BSYA_1701B_LOSSL	THRESHOLD
□	29	2	PICM:BSYA:1701B:LOSSH	PICM_BSYA_1701B_LOSSH	THRESHOLD
□	30	1	PICM:BSYH:762:LOSSL	PICM_BSYH_762_LOSSL	THRESHOLD
□	30	2	PICM:BSYH:762:LOSSH	PICM_BSYH_762_LOSSH	THRESHOLD

16 Link Node 27

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	SPLR:LTUH:359:FLOW_SW	SPLR_LTUH_359_FLOW_SW	STATE
□	1	2	DUMP:LTUH:360:FLOW_SW	DUMP_LTUH_360_FLOW_SW	STATE
□	1	4	VVPG:CLTH:178:OPEN_LIMSW	VVPG_CLTH_178_OPEN_LIMSW	POSITION
□	1	5	VVPG:CLTH:375:OPEN_LIMSW	VVPG_CLTH_375_OPEN_LIMSW	POSITION
□	1	13	VVPG:BSYA:340:OPEN_LIMSW	VVPG_BSYA_340_OPEN_LIMSW	POSITION
□	1	15	VVFS:CLTH:101:OPEN_LIMSW	VVFS_CLTH_101_OPEN_LIMSW	POSITION

17 Link Node 28

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	TORO:LTUH:195:IM31_IM36_L1	TORO_LTUH_195_IM31_IM36_L1	STATE
□	1	2	TORO:LTUH:196:IM31_IM36_L2	TORO_LTUH_196_IM31_IM36_L2	STATE
□	1	3	TORO:LTUH:195:CHASIM31_36	TORO_LTUH_195_CHASIM31_36	STATE
□	1	10	PICM:LTUH:B911:HV_PWR	PICM_LTUH_B911_HV_PWR	STATE
□	1	11	COLL:LTUH:253:STATE_OUT	COLL_LTUH_253_STATE_OUT	STATE
□	1	12	COLL:LTUH:452:STATE_OUT	COLL_LTUH_452_STATE_OUT	STATE
□	2	1	DCHP:LTUH:555:OUT_LIMSW_NEGX	DCHP_LTUH_555_OUT_LIMSW_NEGX	POSITION
□	2	2	DCHP:LTUH:555:OUT_LIMSW_POSX	DCHP_LTUH_555_OUT_LIMSW_POSX	POSITION
□	2	3	DCHP:LTUH:545:OUT_LIMSW_NEGY	DCHP_LTUH_545_OUT_LIMSW_NEGY	POSITION
□	2	4	DCHP:LTUH:545:OUT_LIMSW_POSY	DCHP_LTUH_545_OUT_LIMSW_POSY	POSITION
□	2	5	DCHP:LTUH:555:GAP_LIMSW_NEGZ	DCHP_LTUH_555_GAP_LIMSW_NEGZ	POSITION
□	2	6	DCHP:LTUH:555:GAP_LIMSW_POSZ	DCHP_LTUH_555_GAP_LIMSW_POSZ	POSITION
□	2	7	DCHP:LTUH:545:GAP_LIMSW_NEGZ	DCHP_LTUH_545_GAP_LIMSW_NEGZ	POSITION
□	2	8	DCHP:LTUH:545:GAP_LIMSW_POSZ	DCHP_LTUH_545_GAP_LIMSW_POSZ	POSITION
□	7	8	PICM:LTUH:220:NO_TRIG	PICM_LTUH_220_NO_TRIG	MISSED
□	9	1	PICM:LTUH:220:LOSSL	PICM_LTUH_220_LOSSL	THRESHOLD
□	9	2	PICM:LTUH:220:LOSSH	PICM_LTUH_220_LOSSH	THRESHOLD
□	10	1	PICM:LTUH:253:LOSSL	PICM_LTUH_253_LOSSL	THRESHOLD
□	10	2	PICM:LTUH:253:LOSSH	PICM_LTUH_253_LOSSH	THRESHOLD
□	11	1	PICM:LTUH:280:LOSSL	PICM_LTUH_280_LOSSL	THRESHOLD
□	11	2	PICM:LTUH:280:LOSSH	PICM_LTUH_280_LOSSH	THRESHOLD
□	12	1	PICM:LTUH:420:LOSSL	PICM_LTUH_420_LOSSL	THRESHOLD
□	12	2	PICM:LTUH:420:LOSSH	PICM_LTUH_420_LOSSH	THRESHOLD
□	13	1	PICM:LTUH:452:LOSSL	PICM_LTUH_452_LOSSL	THRESHOLD
□	13	2	PICM:LTUH:452:LOSSH	PICM_LTUH_452_LOSSH	THRESHOLD

18 Link Node 29

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	2	PICM:LTUH:B912:HV_PWR	PICM_LTUH_B912_HV_PWR	STATE
□	7	8	PICM:LTUH:480:NO_TRIG	PICM_LTUH_480_NO_TRIG	MISSED
□	9	1	PICM:LTUH:722:LOSSL	PICM_LTUH_722_LOSSL	THRESHOLD
□	9	2	PICM:LTUH:722:LOSSH	PICM_LTUH_722_LOSSH	THRESHOLD
□	11	1	PICM:LTUH:480:LOSSL	PICM_LTUH_480_LOSSL	THRESHOLD
□	11	2	PICM:LTUH:480:LOSSH	PICM_LTUH_480_LOSSH	THRESHOLD

19 Link Node 30

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	11	1	BLM:LTUH:BLF545:LOSS_L	BLM_LTUH_BLF545_LOSS_L	THRESHOLD
□	11	2	BLM:LTUH:BLF545:LOSS_H	BLM_LTUH_BLF545_LOSS_H	THRESHOLD
□	11	11	BLM:LTUH:BLF545:TEST_L	BLM_LTUH_BLF545_TEST_L	THRESHOLD
□	11	12	BLM:LTUH:BLF545:TEST_H	BLM_LTUH_BLF545_TEST_H	THRESHOLD
□	11	15	BLM:LTUH:BLF545:PED_L	BLM_LTUH_BLF545_PED_L	THRESHOLD
□	11	16	BLM:LTUH:BLF545:PED_H	BLM_LTUH_BLF545_PED_H	THRESHOLD

20 Link Node 31

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	6	DUMP:LTU1:970:TDUND_OUT	DUMP_LTU1_970_TDUND_OUT	POSITION
□	1	7	DUMP:LTU1:970:TDUND_IN	DUMP_LTU1_970_TDUND_IN	POSITION
□	1	10	PICM:LTUH:B913:HV_PWR	PICM_LTUH_B913_HV_PWR	STATE
□	1	11	IOC:UNDH:BP01:MPSSTAT	IOC_UNDH_BP01_MPSSTAT	STATE
□	1	12	IOC:UNDH:BP02:MPSSTAT	IOC_UNDH_BP02_MPSSTAT	STATE
□	1	14	COLL:LTUH:722:STATE_OUT	COLL_LTUH_722_STATE_OUT	STATE
□	2	3	BMLN:UND1:1650:IN_LMTSW	BMLN_UND1_1650_IN_LMTSW	STATE
□	2	4	BMLN:UND1:1650:OUT_LMTSW	BMLN_UND1_1650_OUT_LMTSW	STATE
□	2	6	XTAL:UND1:1650:OUT_LMTSW	XTAL_UND1_1650_OUT_LMTSW	STATE
□	2	7	BEND:UND1:1640:OFF	BEND_UND1_1640_OFF	STATE
□	2	8	BEND:UND1:1640:ON	BEND_UND1_1640_ON	STATE
□	2	9	XTAL:UND1:1651:OUT_LMTSW	XTAL_UND1_1651_OUT_LMTSW	STATE
□	2	10	XTAL:UND1:1652:OUT_LMTSW	XTAL_UND1_1652_OUT_LMTSW	STATE
□	3	1	GRAT:UND1:934:IN_LIMIT	GRAT_UND1_934_IN_LIMIT	POSITION
□	3	2	GRAT:UND1:934:OUT_LIMIT	GRAT_UND1_934_OUT_LIMIT	POSITION
□	3	3	MIRR:UND1:964:IN_LIMIT	MIRR_UND1_964_IN_LIMIT	POSITION
□	3	4	MIRR:UND1:964:OUT_LIMIT	MIRR_UND1_964_OUT_LIMIT	POSITION
□	3	5	MIRR:UND1:966:IN_LIMIT	MIRR_UND1_966_IN_LIMIT	POSITION
□	3	6	MIRR:UND1:966:OUT_LIMIT	MIRR_UND1_966_OUT_LIMIT	POSITION
□	3	7	SLIT:UND1:962:IN_LIMIT	SLIT_UND1_962_IN_LIMIT	POSITION
□	3	8	SLIT:UND1:962:OUT_LIMIT	SLIT_UND1_962_OUT_LIMIT	POSITION
□	3	9	BEND:UND1:940:ON	BEND_UND1_940_ON	STATE
□	3	10	BOD:UND1:1005:IN_LIMIT	BOD_UND1_1005_IN_LIMIT	POSITION
□	3	11	BOD:UND1:1005:OUT_LIMIT	BOD_UND1_1005_OUT_LIMIT	POSITION
□	3	12	BOD:UND1:1305:IN_LIMIT	BOD_UND1_1305_IN_LIMIT	POSITION
□	3	13	BOD:UND1:1305:OUT_LIMIT	BOD_UND1_1305_OUT_LIMIT	POSITION

21 Link Node 34

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	8	DUMP:LTUH:970:FLOW_SW	DUMP_LTUH_970_FLOW_SW	STATE

22 Link Node 38

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	VMPS:FEE1:HXTD:SUM	VMPS_FEE1_HXTD_SUM	FAULT
□	1	2	VMPS:FEE1:GAS:SUM	VMPS_FEE1_GAS_SUM	FAULT
□	1	3	VMPS:NEH1:HXTD:SUM	VMPS_NEH1_HXTD_SUM	FAULT
□	1	4	CAMR:FEE1:852:STATUS	CAMR_FEE1_852_STATUS	FAULT
□	1	5	CAMR:FEE1:913:STATUS	CAMR_FEE1_913_STATUS	FAULT
□	1	6	VMPS:FEE1:703:ISOL_S1	VMPS_FEE1_703_ISOL_S1	FAULT
□	1	7	VMPS:FEE1:703:ISOL_S2	VMPS_FEE1_703_ISOL_S2	FAULT
□	1	8	MIRR:FEE1:1560:OUT_LIMIT1	MIRR_FEE1_1560_OUT_LIMIT1	POSITION
□	1	9	MIRR:FEE1:1560:OUT_LIMIT2	MIRR_FEE1_1560_OUT_LIMIT2	POSITION
□	1	10	XTAL:FEE1:441:OUT_LIMSW	XTAL_FEE1_441_OUT_LIMSW	POSITION
□	4	3	STPR:FEE1:1:S1IN	STPR_FEE1_1_S1IN	POSITION
□	4	4	STPR:FEE1:1:S2IN	STPR_FEE1_1_S2IN	STATE
□	4	5	STPR:FEE1:1:S2BIN	STPR_FEE1_1_S2BIN	STATE
□	4	6	STPR:FEE1:1:SH1IN	STPR_FEE1_1_SH1IN	STATE
□	4	8	XPP:SH3:STP:OPN_DI	XPP_SH3_STP_OPN_DI	POSITION
□	4	9	XPP:SH3:STP:CLS_DI	XPP_SH3_STP_CLS_DI	POSITION
□	5	1	CAMR:FEE1:1561:IN	CAMR_FEE1_1561_IN	STATE
□	5	2	CAMR:FEE1:1561:OUT	CAMR_FEE1_1561_OUT	STATE
□	5	7	CAMR:FEE1:1692:IN	CAMR_FEE1_1692_IN	STATE
□	5	8	CAMR:FEE1:1692:OUT	CAMR_FEE1_1692_OUT	STATE
□	5	9	CAMR:FEE1:1953:IN	CAMR_FEE1_1953_IN	STATE
□	5	10	CAMR:FEE1:1953:OUT	CAMR_FEE1_1953_OUT	STATE
□	5	11	CAMR:FEE1:2953:IN	CAMR_FEE1_2953_IN	STATE
□	5	12	CAMR:FEE1:2953:OUT	CAMR_FEE1_2953_OUT	STATE
□	6	1	VMPS:NEH:703:ISOL_H	VMPS_NEH_703_ISOL_H	STATE
□	6	2	VMPS:NEH:703:ISOL_S1	VMPS_NEH_703_ISOL_S1	STATE
□	6	3	VMPS:NEH:703:ISOL_S2	VMPS_NEH_703_ISOL_S2	STATE
□	6	5	AMO:EXP:MPS:01	AMO_EXP_MPS_01	STATE
□	6	7	CAMR:NEH1:124:IN	CAMR_NEH1_124_IN	STATE
□	6	8	CAMR:NEH1:124:OUT	CAMR_NEH1_124_OUT	STATE
□	6	9	CAMR:NEH1:195:IN	CAMR_NEH1_195_IN	STATE
□	6	10	CAMR:NEH1:195:OUT	CAMR_NEH1_195_OUT	STATE
□	6	11	CAMR:NEH1:1124:IN	CAMR_NEH1_1124_IN	STATE
□	6	12	CAMR:NEH1:1124:OUT	CAMR_NEH1_1124_OUT	STATE
□	6	13	CAMR:NEH1:2124:IN	CAMR_NEH1_2124_IN	STATE
□	6	14	CAMR:NEH1:2124:OUT	CAMR_NEH1_2124_OUT	STATE

23 Link Node 39

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	SAS:MMM:01:A	SAS_MMM_01_A	POSITION
□	1	2	SAS:MMM:01:B	SAS_MMM_01_B	POSITION
□	1	5	AMO:MPS:VAC:OK_SUM	AMO_MPS_VAC_OK_SUM	STATE
□	1	7	AMO:KBO:VGC:02B	AMO_KBO_VGC_02B	POSITION
□	1	8	AMO:KBO:VGC:02A	AMO_KBO_VGC_02A	POSITION
□	1	9	AMO:LMP:VGC_30:OPN_DI	AMO_LMP_VGC_30_OPN_DI	POSITION
□	1	10	AMO:LMP:VGC_30:CLS_DI	AMO_LMP_VGC_30_CLS_DI	POSITION
□	2	1	SXR:TSS:VGC_01:CLS_DI	SXR_TSS_VGC_01_CLS_DI	STATE
□	2	2	SXR:TSS:VGC_01:OPN_DI	SXR_TSS_VGC_01_OPN_DI	STATE
□	2	3	SXR:MON:VGC_01:CLS_DI	SXR_MON_VGC_01_CLS_DI	STATE
□	2	4	SXR:MON:VGC_01:OPN_DI	SXR_MON_VGC_01_OPN_DI	STATE
□	2	5	SXR:MON:MMS_06:B	SXR_MON_MMS_06_B	STATE
□	2	6	SXR:COL:VGC_01:CLS_DI	SXR_COL_VGC_01_CLS_DI	STATE
□	2	7	SXR:COL:VGC_01:OPN_DI	SXR_COL_VGC_01_OPN_DI	STATE
□	2	8	SXR:EXS:VGC_01:CLS_DI	SXR_EXS_VGC_01_CLS_DI	STATE
□	2	9	SXR:EXS:VGC_01:OPN_DI	SXR_EXS_VGC_01_OPN_DI	STATE
□	2	10	SXR:EXS:MMS_01:B	SXR_EXS_MMS_01_B	STATE
□	2	11	SXR:PST:VGC_01:CLS_DI	SXR_PST_VGC_01_CLS_DI	STATE
□	2	12	SXR:PST:VGC_01:OPN_DI	SXR_PST_VGC_01_OPN_DI	STATE
□	2	13	SXR:FLX:VGC_01:CLS_DI	SXR_FLX_VGC_01_CLS_DI	STATE
□	2	14	SXR:FLX:VGC_01:OPN_DI	SXR_FLX_VGC_01_OPN_DI	STATE
□	2	15	SXR:KBO:VGC_01:CLS_DI	SXR_KBO_VGC_01_CLS_DI	STATE
□	2	16	SXR:KBO:VGC_01:OPN_DI	SXR_KBO_VGC_01_OPN_DI	STATE
□	3	1	SXR:DFP:VGC_01:CLS_DI	SXR_DFP_VGC_01_CLS_DI	STATE
□	3	2	SXR:DFP:VGC_01:OPN_DI	SXR_DFP_VGC_01_OPN_DI	STATE
□	3	3	SXR:LIN:VGC_01:CLS_DI	SXR_LIN_VGC_01_CLS_DI	STATE
□	3	4	SXR:LIN:VGC_01:OPN_DI	SXR_LIN_VGC_01_OPN_DI	STATE
□	3	5	SXR:EXP:MPS:01	SXR_EXP_MPS_01	STATE
□	3	6	HX2:SB1:VGC_01:CLS_DI	HX2_SB1_VGC_01_CLS_DI	STATE
□	3	7	HX2:SB1:VGC_01:OPN_DI	HX2_SB1_VGC_01_OPN_DI	STATE
□	3	8	HX2:DVD:VGC_01:CLS_DI	HX2_DVD_VGC_01_CLS_DI	STATE
□	3	9	HX2:DVD:VGC_01:OPN_DI	HX2_DVD_VGC_01_OPN_DI	STATE
□	3	10	XPP:NH3:POS_00:IN	XPP_NH3_POS_00_IN	STATE
□	3	11	HX3:UVD:VGC_01:CLS_DI	HX3_UVD_VGC_01_CLS_DI	STATE
□	3	12	HX3:UVD:VGC_01:OPN_DI	HX3_UVD_VGC_01_OPN_DI	STATE
□	3	13	HX3:DVD:VGC_01:CLS_DI	HX3_DVD_VGC_01_CLS_DI	STATE
□	3	14	HX3:DVD:VGC_01:OPN_DI	HX3_DVD_VGC_01_OPN_DI	STATE
□	3	15	HX3:MON:VGC_01:CLS_DI	HX3_MON_VGC_01_CLS_DI	POSITION

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	16	HX3:MON:VGC_01:OPN_DI	HX3_MON_VGC_01_OPN_DI	POSITION
□	4	1	XPP:SB2:VGC_01:CLS_DI	XPP_SB2_VGC_01_CLS_DI	POSITION
□	4	2	XPP:SB2:VGC_01:OPN_DI	XPP_SB2_VGC_01_OPN_DI	POSITION
□	4	3	XPP:NH3:POS_00:OUT	XPP_NH3_POS_00_OUT	STATUS
□	4	4	XPP:DET:01:MPSFAULT	XPP_DET_01_MPSFAULT	STATUS
□	4	5	XPP:MPS:PLC_01:OK	XPP_MPS_PLC_01_OK	STATUS
□	4	6	AMO:MPS:PLC_01:OK	AMO_MPS_PLC_01_OK	STATUS
□	4	7	SXR:MPS:PLC_01:OK	SXR_MPS_PLC_01_OK	STATUS
□	4	8	SXR:GMD:VGC_01:OPN_DI	SXR_GMD_VGC_01_OPN_DI	POSITION
□	4	9	SXR:GMD:VGC_01:CLS_DI	SXR_GMD_VGC_01_CLS_DI	POSITION
□	4	10	XPP:SB2:VGC_02:OPN_DI	XPP_SB2_VGC_02_OPN_DI	POSITION
□	4	11	XPP:SB2:VGC_03:OPN_DI	XPP_SB2_VGC_03_OPN_DI	POSITION

24 Link Node 40

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	HXX:UM6:CVP_01:A	HXX_UM6_CVP_01_A	STATE
□	1	2	HXX:UM6:CVP_01:B	HXX_UM6_CVP_01_B	STATE
□	1	3	HXX:UM6:VGC_01:CLS_DI	HXX_UM6_VGC_01_CLS_DI	STATE
□	1	4	HXX:UM6:VGC_01:OPN_DI	HXX_UM6_VGC_01_OPN_DI	STATE
□	1	5	HXX:MXT:VGC_03:CLS_DI	HXX_MXT_VGC_03_CLS_DI	POSITION
□	1	6	HXX:MXT:VGC_03:OPN_DI	HXX_MXT_VGC_03_OPN_DI	POSITION
□	1	7	XRT:DIA:MMS_01:B	XRT_DIA_MMS_01_B	POSITION
□	1	8	CXI:DG1:MMS_03:A	CXI_DG1_MMS_03_A	POSITION
□	1	9	CXI:DG1:MMS_08:B	CXI_DG1_MMS_08_B	POSITION
□	1	12	CXI:DG2:MMS_06:B	CXI_DG2_MMS_06_B	POSITION
□	1	13	CXI:DG2:MMS_08:B	CXI_DG2_MMS_08_B	POSITION
□	1	14	CXI:DG2:MMS_09:B	CXI_DG2_MMS_09_B	POSITION
□	1	15	CXI:DG2:MMS_10:B	CXI_DG2_MMS_10_B	POSITION
□	1	16	CXI:SC3:VGC_01:OPN_DI	CXI_SC3_VGC_01_OPN_DI	POSITION
□	2	1	CXI:MPS:CFG:1	CXI_MPS_CFG_1	CONFID
□	2	2	CXI:MPS:CFG:2	CXI_MPS_CFG_2	CONFID
□	2	3	CXI:MPS:CFG:3	CXI_MPS_CFG_3	CONFID
□	2	4	CXI:MPS:CFG:4	CXI_MPS_CFG_4	CONFID
□	2	5	CXI:MPS:CFG:5	CXI_MPS_CFG_5	CONFID
□	2	6	CXI:MPS:CFG:6	CXI_MPS_CFG_6	CONFID
□	2	7	CXI:MPS:CFG:7	CXI_MPS_CFG_7	CONFID
□	2	8	CXI:MPS:PLC_01:OK	CXI_MPS_PLC_01_OK	STATUS
□	2	12	CXI:DG4:MMS_05:B	CXI_DG4_MMS_05_B	POSITION
□	2	13	CXI:DG4:MMS_03:B	CXI_DG4_MMS_03_B	POSITION
□	2	14	CXI:DIA:ATTEN:OK	CXI_DIA_ATTEN_OK	POSITION
□	2	15	HFA:SND:VGC_01:OPN_DI	HFA_SND_VGC_01_OPN_DI	POSITION
□	2	16	HF4:LAM:VGC_01:OPN_DI	HF4_LAM_VGC_01_OPN_DI	POSITION
□	3	1	HXX:LOM:VGC_01:CLS_DI	HXX_LOM_VGC_01_CLS_DI	STATE
□	3	2	HXX:LOM:VGC_01:OPN_DI	HXX_LOM_VGC_01_OPN_DI	STATE
□	3	3	HXX:DIA:VGC_01:CLS_DI	HXX_DIA_VGC_01_CLS_DI	STATE
□	3	4	HXX:DIA:VGC_01:OPN_DI	HXX_DIA_VGC_01_OPN_DI	STATE
□	3	5	HFX:DIA:VGC_02:OPN_DI	HFX_DIA_VGC_02_OPN_DI	POSITION
□	3	6	CXI:DG1:VGC_01:OPN_DI	CXI_DG1_VGC_01_OPN_DI	POSITION
□	3	7	CXI:DG1:VGC_02:OPN_DI	CXI_DG1_VGC_02_OPN_DI	POSITION
□	3	8	CXI:KB1:VGC_01:OPN_DI	CXI_KB1_VGC_01_OPN_DI	POSITION
□	3	9	CXI:KB1:VGC_02:OPN_DI	CXI_KB1_VGC_02_OPN_DI	POSITION
□	3	10	CXI:KB2:VGC_01:OPN_DI	CXI_KB2_VGC_01_OPN_DI	POSITION
□	3	12	CXI:DG2:VGC_01:OPN_DI	CXI_DG2_VGC_01_OPN_DI	POSITION

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	13	CXI:DG2:VGC_02:OPN_DI	CXI_DG2_VGC_02_OPN_DI	POSITION
□	3	14	CXI:SC1:VGC_01:OPN_DI	CXI_SC1_VGC_01_OPN_DI	POSITION
□	3	15	CXI:SC1:VGC_02:OPN_DI	CXI_SC1_VGC_02_OPN_DI	POSITION
□	3	16	CXI:DSC:VGC_01:OPN_DI	CXI_DSC_VGC_01_OPN_DI	POSITION
□	4	1	CXI:SC2:VGC_02:OPN_DI	CXI_SC2_VGC_02_OPN_DI	POSITION
□	4	2	CXI:SC1:VGC_01:CLS_DI	CXI_SC1_VGC_01_CLS_DI	POSITION
□	4	3	CXI:DSC:VGC_01:CLS_DI	CXI_DSC_VGC_01_CLS_DI	POSITION
□	4	4	CXI:DET:01:MPSFAULT	CXI_DET_01_MPSFAULT	STATUS
□	4	5	CXI:DET:02:MPSFAULT	CXI_DET_02_MPSFAULT	STATUS
□	4	6	CXI:USR:01:MPSFAULT	CXI_USR_01_MPSFAULT	STATUS
□	4	7	CXI:USR:02:MPSFAULT	CXI_USR_02_MPSFAULT	STATUS
□	4	8	CXI:DG2:VGC_01:CLS_DI	CXI_DG2_VGC_01_CLS_DI	POSITION
□	4	9	CXI:DG2:VCG_02:CLS_DI	CXI_DG2_VCG_02_CLS_DI	POSITION
□	4	10	HXX:MXT:VGC_01:OPN_DI	HXX_MXT_VGC_01_OPN_DI	POSITION
□	4	11	HXX:MXT:VGC_02:OPN_DI	HXX_MXT_VGC_02_OPN_DI	POSITION
□	4	12	HXX:MXT:VGC_05:OPN_DI	HXX_MXT_VGC_05_OPN_DI	POSITION
□	4	13	CXI:KB2:VGC_02:OPN_DI	CXI_KB2_VGC_02_OPN_DI	POSITION
□	4	14	MEC:HXM:MMS_04:B	MEC_HXM_MMS_04_B	POSITION
□	4	15	HXX:HXM:MMS_01:B	HXX_HXM_MMS_01_B	POSITION
□	4	16	XCS:MPS:PLC_01:OK	XCS_MPS_PLC_01_OK	STATUS
□	5	1	STPR:XRT1:1:SH2OUT	STPR_XRT1_1_SH2OUT	STATE
□	5	2	STPR:XRT1:1:SH2IN	STPR_XRT1_1_SH2IN	STATE
□	5	3	STPR:XRT1:1:S5IN	STPR_XRT1_1_S5IN	POSITION
□	5	4	STPR:XRT1:1:S5OUT	STPR_XRT1_1_S5OUT	POSITION
□	5	5	STPR:FEH1:5:S5BIN	STPR_FEH1_5_S5BIN	POSITION
□	5	6	STPR:FEH1:5:S5BOUT	STPR_FEH1_5_S5BOUT	POSITION
□	5	7	STPR:XRT1:1:S4IN	STPR_XRT1_1_S4IN	POSITION
□	5	8	STPR:XRT1:1:S4OUT	STPR_XRT1_1_S4OUT	POSITION
□	5	9	HFX:UM6:STP_01:IN_DI	HFX_UM6_STP_01_IN_DI	POSITION
□	5	10	HFX:UM6:STP_01:OUT_DI	HFX_UM6_STP_01_OUT_DI	POSITION
□	5	11	HFX:DG2:STP_01:IN_DI	HFX_DG2_STP_01_IN_DI	POSITION
□	5	12	HFX:DG2:STP_01:OUT_DI	HFX_DG2_STP_01_OUT_DI	POSITION
□	5	13	HFX:DG2:VGC_01:OPN_DI	HFX_DG2_VGC_01_OPN_DI	POSITION
□	5	14	HFX:MON:VGC_01:OPN_DI	HFX_MON_VGC_01_OPN_DI	POSITION
□	5	15	MEC:MPS:PLC_01:OK	MEC_MPS_PLC_01_OK	STATUS
□	5	16	HFX:MON:VGC_02:OPN_DI	HFX_MON_VGC_02_OPN_DI	POSITION
□	6	1	CXI:KB2:VGC_02:CLS_DI	CXI_KB2_VGC_02_CLS_DI	POSITION
□	6	2	CXI:DSU:MMS_07:B	CXI_DSU_MMS_07_B	POSITION
□	6	3	HXX:HXM:MMS_01:INBEAM	HXX_HXM_MMS_01_INBEAM	POSITION
□	6	4	XCS:SB1:VGC_01:OPN_DI	XCS_SB1_VGC_01_OPN_DI	POSITION
□	6	5	XCS:SB1:VGC_01:CLS_DI	XCS_SB1_VGC_01_CLS_DI	POSITION

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	6	6	XCS:SB1:VGC_02:OPN_DI	XCS_SB1_VGC_02_OPN_DI	POSITION
□	6	7	XCS:SB1:VGC_02:CLS_DI	XCS_SB1_VGC_02_CLS_DI	POSITION
□	6	8	XCS:SB2:VGC_01:OPN_DI	XCS_SB2_VGC_01_OPN_DI	POSITION
□	6	9	XCS:SB2:VGC_01:CLS_DI	XCS_SB2_VGC_01_CLS_DI	POSITION
□	6	10	XCS:SB:POS:MONO	XCS_SB_POS_MONO	POSITION
□	6	11	XCS:SB:POS:HARD	XCS_SB_POS_HARD	POSITION
□	6	12	XCS:SB1:STP_01:OPN_DI	XCS_SB1_STP_01_OPN_DI	POSITION
□	6	13	XCS:SB1:STP_01:CLS_DI	XCS_SB1_STP_01_CLS_DI	POSITION
□	6	14	XCS:USR:01:MPSFAULT	XCS_USR_01_MPSFAULT	STATUS
□	6	15	STPR:XRT1:1:S6IN	STPR_XRT1_1_S6IN	POSITION
□	6	16	STPR:XRT1:1:S6OUT	STPR_XRT1_1_S6OUT	POSITION

25 Link Node 41

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	MEC:DV5:VGC_01:OPN_DI	MEC_DV5_VGC_01_OPN_DI	POSITION
□	1	2	MEC:XT1:VGC_01:OPN_DI	MEC_XT1_VGC_01_OPN_DI	POSITION
□	1	3	MEC:XT1:MMS_01:B	MEC_XT1_MMS_01_B	POSITION
□	1	4	MEC:XT2:VGC_02:OPN_DI	MEC_XT2_VGC_02_OPN_DI	POSITION
□	1	5	MEC:XT2:VGC_03:OPN_DI	MEC_XT2_VGC_03_OPN_DI	POSITION
□	1	6	MEC:XT2:VGC_04:OPN_DI	MEC_XT2_VGC_04_OPN_DI	POSITION
□	1	7	MEC:XT2:VGC_05:OPN_DI	MEC_XT2_VGC_05_OPN_DI	POSITION
□	1	8	MEC:XT2:VGC_05:CLS_DI	MEC_XT2_VGC_05_CLS_DI	POSITION
□	1	9	MEC:XT2:VGC_06:OPN_DI	MEC_XT2_VGC_06_OPN_DI	POSITION
□	1	10	MEC:HXM:VGC_01:OPN_DI	MEC_HXM_VGC_01_OPN_DI	POSITION
□	1	11	CXI:DG4:VGC_01:OPN_DI	CXI_DG4_VGC_01_OPN_DI	POSITION
□	1	12	CXI:DG4:VGC_01:CLS_DI	CXI_DG4_VGC_01_CLS_DI	POSITION
□	1	13	MFX:MPS:PLC_VAC:OK	MFX_MPS_PLC_VAC_OK	STATUS
□	1	14	MEC:DV4:VGC_01:OPN_DI	MEC_DV4_VGC_01_OPN_DI	POSITION
□	1	15	MEC:BXL:VGC_01:OPN_DI	MEC_BXL_VGC_01_OPN_DI	POSITION
□	2	1	MFX:XRT:VGC:OUT_SUM	MFX_XRT_VGC_OUT_SUM	STATE
□	2	2	STPR:XRT:1:S45IN	STPR_XRT_1_S45IN	STATE
□	2	3	STPR:XRT:1:S45OUT	STPR_XRT_1_S45OUT	STATE
□	2	4	MFX:MPS:1:SUM	MFX_MPS_1_SUM	STATE
□	2	6	XCS:PBT:VGC:OUT_SUM	XCS_PBT_VGC_OUT_SUM	STATE

26 Link Node 42

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	7	COLL:BSYH:479:PCAPM_FLOW_SW	COLL_BSYH_479_PCAPM_FLOW_SW	STATE
□	1	9	EXPT:ESA0:1:EPS_STAT	EXPT_ESA0_1_EPS_STAT	STATE
□	1	11	BEND:BSY0:40:40B1_FLOW_SW	BEND_BSY0_40_40B1_FLOW_SW	STATE
□	1	13	PICM:ESA0:1:HV_PWR	PICM_ESA0_1_HV_PWR	STATE
□	2	1	COLL:BSYA:1490:FLOW_SW	COLL_BSYA_1490_FLOW_SW	STATE
□	2	2	COLL:BSYA:1700:FLOW_SW	COLL_BSYA_1700_FLOW_SW	STATE
□	2	3	SLIT:BSYA:1980:SL19_FLOW_SW	SLIT_BSYA_1980_SL19_FLOW_SW	STATE
□	2	5	VGFS:BSYA:1410:FSG22_OK	VGFS_BSYA_1410_FSG22_OK	STATE
□	2	8	QUAD:BSYA:1950:Q19_PS_ON	QUAD_BSYA_1950_Q19_PS_ON	STATE
□	2	9	COLL:BSYA:2470:V_FLOW_SW	COLL_BSYA_2470_V_FLOW_SW	STATE
□	2	10	COLL:BSYA:2470:H_FLOW_SW	COLL_BSYA_2470_H_FLOW_SW	STATE
□	2	11	COLL:BSYA:2410:FLOW_SW	COLL_BSYA_2410_FLOW_SW	STATE
□	2	12	COLL:BSYA:2060:FLOW_SW	COLL_BSYA_2060_FLOW_SW	STATE
□	2	13	COLL:BSYA:2600:FLOW_SW	COLL_BSYA_2600_FLOW_SW	STATE
□	2	14	COLL:BSYA:2990:FLOW_SW	COLL_BSYA_2990_FLOW_SW	STATE
□	2	15	COLL:BSYA:3710:FLOW_SW	COLL_BSYA_3710_FLOW_SW	STATE
□	2	16	BPMS:BSYA:2420:FLOW_SW	BPMS_BSYA_2420_FLOW_SW	STATE
□	3	1	BPMS:BSYA:2860:FLOW_SW	BPMS_BSYA_2860_FLOW_SW	STATE
□	3	2	BPMS:BSYA:3115:FLOW_SW	BPMS_BSYA_3115_FLOW_SW	STATE
□	3	3	COLL:ESA0:4120:FLOW_SW	COLL_ESA0_4120_FLOW_SW	STATE
□	3	4	VVPG:ESA0:4195:POSITION	VVPG_ESA0_4195_POSITION	STATE
□	3	5	VGFS:BSYA:3320:FSG29_OK	VGFS_BSYA_3320_FSG29_OK	STATE
□	3	6	PICM:ESA0:1:GAS_OK	PICM_ESA0_1_GAS_OK	STATE
□	3	7	MPS:ESA0:1:SEM_HV	MPS_ESA0_1_SEM_HV	STATE
□	3	9	QUAD:BSYA:2750:Q27_PS_ON	QUAD_BSYA_2750_Q27_PS_ON	STATE
□	3	10	QUAD:BSYA:2850:Q28_PS_ON	QUAD_BSYA_2850_Q28_PS_ON	STATE
□	3	11	QUAD:BSYA:2050:Q20_PS_ON	QUAD_BSYA_2050_Q20_PS_ON	STATE
□	3	12	XCOR:BSYA:2890:A28_PS_ON	XCOR_BSYA_2890_A28_PS_ON	STATE
□	3	13	YCOR:BSYA:2911:A29_PS_ON	YCOR_BSYA_2911_A29_PS_ON	STATE
□	3	14	XCOR:BSYA:3212:A32_PS_ON	XCOR_BSYA_3212_A32_PS_ON	STATE
□	3	15	YCOR:BSYA:3313:A33_PS_ON	YCOR_BSYA_3313_A33_PS_ON	STATE
□	4	1	KICK:BSY0:66:PM1_5_OFF	KICK_BSY0_66_PM1_5_OFF	STATE
□	4	2	BEND:BSYA:140:B1_2_PS_OFF	BEND_BSYA_140_B1_2_PS_OFF	STATE
□	4	3	STPR:BSYA:2275:ST22_IN_LIM	STPR_BSYA_2275_ST22_IN_LIM	STATE
□	4	4	STPR:BSYA:2930:ST29_IN_LIM	STPR_BSYA_2930_ST29_IN_LIM	STATE
□	4	5	STPR:BSYA:2275:ST22_OUT_LIM	STPR_BSYA_2275_ST22_OUT_LIM	STATE
□	4	6	STPR:BSYA:2930:ST29_OUT_LIM	STPR_BSYA_2930_ST29_OUT_LIM	STATE
□	4	7	SLIT:BSYA:2010:SL10_FT_IN	SLIT_BSYA_2010_SL10_FT_IN	STATE

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	8	SLIT:BSYA:2010:SL10_FB_IN	SLIT_BSYA_2010_SL10_FB_IN	STATE
□	4	9	SLIT:BSYA:2010:SL10_RT_IN	SLIT_BSYA_2010_SL10_RT_IN	STATE
□	4	10	SLIT:BSYA:2010:SL10_RB_IN	SLIT_BSYA_2010_SL10_RB_IN	STATE
□	5	1	STPR:BSY0:89:IN_LIMSW_A	STPR_BSY0_89_IN_LIMSW_A	POSITION
□	5	2	STPR:BSY0:89:IN_LIMSW_B	STPR_BSY0_89_IN_LIMSW_B	POSITION
□	5	3	STPR:BSY0:89:OUT_LIMSW_A	STPR_BSY0_89_OUT_LIMSW_A	POSITION
□	5	4	STPR:BSY0:89:OUT_LIMSW_B	STPR_BSY0_89_OUT_LIMSW_B	POSITION
□	5	5	STPR:BSY0:90:IN_LIMSW_A	STPR_BSY0_90_IN_LIMSW_A	POSITION
□	5	6	STPR:BSY0:90:IN_LIMSW_B	STPR_BSY0_90_IN_LIMSW_B	POSITION
□	5	7	STPR:BSY0:90:OUT_LIMSW_A	STPR_BSY0_90_OUT_LIMSW_A	POSITION
□	5	8	STPR:BSY0:90:OUT_LIMSW_B	STPR_BSY0_90_OUT_LIMSW_B	POSITION
□	5	9	STPR:BSY0:88:IN_LIMSW_A	STPR_BSY0_88_IN_LIMSW_A	POSITION
□	5	10	STPR:BSY0:88:IN_LIMSW_B	STPR_BSY0_88_IN_LIMSW_B	POSITION
□	5	11	STPR:BSY0:88:OUT_LIMSW_A	STPR_BSY0_88_OUT_LIMSW_A	POSITION
□	5	12	BTM:BSY0:89:IN_LIMSW_A	BTM_BSY0_89_IN_LIMSW_A	POSITION
□	5	13	BTM:BSY0:89:IN_LIMSW_B	BTM_BSY0_89_IN_LIMSW_B	POSITION
□	5	14	BTM:BSY0:89:OUT_LIMSW_A	BTM_BSY0_89_OUT_LIMSW_A	POSITION
□	5	15	BTM:BSY0:89:OUT_CNTRL_A	BTM_BSY0_89_OUT_CNTRL_A	PPS_CNTRL
□	5	16	BTM:BSY0:89:OUT_CNTRL_B	BTM_BSY0_89_OUT_CNTRL_B	PPS_CNTRL
□	7	8	PICM:BSYA:2061:NO_TRIG	PICM_BSYA_2061_NO_TRIG	MISSED
□	9	1	PICM:BSYA:2061:LOSSL	PICM_BSYA_2061_LOSSL	THRESHOLD
□	9	2	PICM:BSYA:2061:LOSSH	PICM_BSYA_2061_LOSSH	THRESHOLD
□	10	1	PICM:BSYA:2120:LOSSL	PICM_BSYA_2120_LOSSL	THRESHOLD
□	10	2	PICM:BSYA:2120:LOSSH	PICM_BSYA_2120_LOSSH	THRESHOLD
□	11	1	PICM:BSYA:2220:LOSSL	PICM_BSYA_2220_LOSSL	THRESHOLD
□	11	2	PICM:BSYA:2220:LOSSH	PICM_BSYA_2220_LOSSH	THRESHOLD
□	12	1	PICM:BSYA:2321:LOSSL	PICM_BSYA_2321_LOSSL	THRESHOLD
□	12	2	PICM:BSYA:2321:LOSSH	PICM_BSYA_2321_LOSSH	THRESHOLD
□	13	1	PICM:BSYA:2411:LOSSL	PICM_BSYA_2411_LOSSL	THRESHOLD
□	13	2	PICM:BSYA:2411:LOSSH	PICM_BSYA_2411_LOSSH	THRESHOLD
□	14	1	PICM:BSYA:2472:LOSSL	PICM_BSYA_2472_LOSSL	THRESHOLD
□	14	2	PICM:BSYA:2472:LOSSH	PICM_BSYA_2472_LOSSH	THRESHOLD
□	15	1	PICM:BSYA:2473:LOSSL	PICM_BSYA_2473_LOSSL	THRESHOLD
□	15	2	PICM:BSYA:2473:LOSSH	PICM_BSYA_2473_LOSSH	THRESHOLD
□	16	1	PICM:BSYA:2474:LOSSL	PICM_BSYA_2474_LOSSL	THRESHOLD
□	16	2	PICM:BSYA:2474:LOSSH	PICM_BSYA_2474_LOSSH	THRESHOLD
□	17	1	PICM:BSYA:2475:LOSSL	PICM_BSYA_2475_LOSSL	THRESHOLD
□	17	2	PICM:BSYA:2475:LOSSH	PICM_BSYA_2475_LOSSH	THRESHOLD
□	18	1	PICM:BSYA:2520:LOSSL	PICM_BSYA_2520_LOSSL	THRESHOLD
□	18	2	PICM:BSYA:2520:LOSSH	PICM_BSYA_2520_LOSSH	THRESHOLD
□	19	1	PICM:BSYA:2601:LOSSL	PICM_BSYA_2601_LOSSL	THRESHOLD

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Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	19	2	PICM:BSYA:2601:LOSSH	PICM_BSYA_2601_LOSSH	THRESHOLD
□	20	1	PICM:BSYA:2861:LOSSL	PICM_BSYA_2861_LOSSL	THRESHOLD
□	20	2	PICM:BSYA:2861:LOSSH	PICM_BSYA_2861_LOSSH	THRESHOLD
□	21	1	PICM:BSYA:2990:LOSSL	PICM_BSYA_2990_LOSSL	THRESHOLD
□	21	2	PICM:BSYA:2990:LOSSH	PICM_BSYA_2990_LOSSH	THRESHOLD
□	22	1	PICM:BSYA:3320:LOSSL	PICM_BSYA_3320_LOSSL	THRESHOLD
□	22	2	PICM:BSYA:3320:LOSSH	PICM_BSYA_3320_LOSSH	THRESHOLD
□	23	1	PICM:BSYA:3321:LOSSL	PICM_BSYA_3321_LOSSL	THRESHOLD
□	23	2	PICM:BSYA:3321:LOSSH	PICM_BSYA_3321_LOSSH	THRESHOLD
□	24	1	PICM:BSYA:3720:LOSSL	PICM_BSYA_3720_LOSSL	THRESHOLD
□	24	2	PICM:BSYA:3720:LOSSH	PICM_BSYA_3720_LOSSH	THRESHOLD
□	25	1	PICM:BSYA:3721:LOSSL	PICM_BSYA_3721_LOSSL	THRESHOLD
□	25	2	PICM:BSYA:3721:LOSSH	PICM_BSYA_3721_LOSSH	THRESHOLD
□	26	1	PICM:BSYA:3890:LOSSL	PICM_BSYA_3890_LOSSL	THRESHOLD
□	26	2	PICM:BSYA:3890:LOSSH	PICM_BSYA_3890_LOSSH	THRESHOLD

27 Link Node 43

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	1	1	KICK:BSY0:66:A_KIK	KICK_BSY0_66_A_KIK	STATUS
□	1	2	KICK:BSY0:66:A_KIKRB	KICK_BSY0_66_A_KIKRB	STATUS
□	7	1	KICK:BSY0:66:TA120MISS	KICK_BSY0_66_TA120MISS	MISSED
□	7	2	KICK:BSY0:66:TS30MISS	KICK_BSY0_66_TS30MISS	MISSED
□	7	3	KICK:BSY0:66:TA30MISS	KICK_BSY0_66_TA30MISS	MISSED
□	7	4	KICK:BSY0:66:TS120MISS	KICK_BSY0_66_TS120MISS	MISSED
□	7	5	KICK:BSY0:66:SPARE	KICK_BSY0_66_SPARE	MISSED
□	7	6	KICK:BSY0:66:THRSHUNDR	KICK_BSY0_66_THRSHUNDR	MISSED
□	7	7	KICK:BSY0:66:THRSHOVER	KICK_BSY0_66_THRSHOVER	MISSED

28 Link Node 44

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	7	8	EIOC:LTU1:MP12:NOTRIG	EIOC_LTU1_MP12_NOTRIG	MISSED
□	9	1	MPS:UND1:950:SX_HRMNC_ENERGY_L	MPS_UND1_950_SX_HRMNC_ENERGY_L	THRESHOLD
□	9	2	MPS:UND1:950:SX_HRMNC_ENERGY_H	MPS_UND1_950_SX_HRMNC_ENERGY_H	THRESHOLD
□	9	3	MPS:UND1:950:SX_SS_ENERGY_L	MPS_UND1_950_SX_SS_ENERGY_L	THRESHOLD
□	9	4	MPS:UND1:950:SX_SS_ENERGY_H	MPS_UND1_950_SX_SS_ENERGY_H	THRESHOLD
□	9	5	MPS:UND1:1640:HX_ENERGY_L	MPS_UND1_1640_HX_ENERGY_L	THRESHOLD
□	9	6	MPS:UND1:1640:HX_ENERGY_H	MPS_UND1_1640_HX_ENERGY_H	THRESHOLD
□	9	7	MIRR:FEE1:1560:ENERGY_L	MIRR_FEE1_1560_ENERGY_L	THRESHOLD
□	9	8	MIRR:FEE1:1560:ENERGY_H	MIRR_FEE1_1560_ENERGY_H	THRESHOLD

29 Link Node 125

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	9	VVFS:SLTH:130:POSITION	VVFS_SLTH_130_POSITION	STATE
□	4	12	VVPG:SLTH:115:POSITION	VVPG_SLTH_115_POSITION	STATE
□	4	13	VVPG:SLTH:291:POSITION	VVPG_SLTH_291_POSITION	STATE

30 Link Node 127

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	VVPG:BSYH:837:POSITION	VVPG_BSYH_837_POSITION	STATE
□	4	2	VVMG:LTUH:174:POSITION	VVMG_LTUH_174_POSITION	STATE
□	4	3	VVMG:LTUH:355:POSITION	VVMG_LTUH_355_POSITION	STATE
□	4	4	VVFS:LTUH:102:POSITION	VVFS_LTUH_102_POSITION	STATE
□	4	5	VVPG:LTUH:102:POSITION	VVPG_LTUH_102_POSITION	STATE
□	4	9	COLL:BSYH:892:TEMP	COLL_BSYH_892_TEMP	STATE
□	4	14	VVPG:LTUH:265:POSITION	VVPG_LTUH_265_POSITION	STATE
□	4	15	VVPG:BSYH:470:POSITION	VVPG_BSYH_470_POSITION	STATE
□	4	16	VVPG:BSYH:541:POSITION	VVPG_BSYH_541_POSITION	STATE

31 Link Node 129

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	COLL:LTUH:253:TEMP	COLL_LTUH_253_TEMP	STATE
□	4	2	COLL:LTUH:276:TEMP	COLL_LTUH_276_TEMP	STATE
□	4	3	KICK:LTUH:320:ON	KICK_LTUH_320_ON	STATE
□	4	4	KICK:LTUH:320:OFF	KICK_LTUH_320_OFF	STATE
□	4	5	STPR:BSYH:847:IN_LIMIT	STPR_BSYH_847_IN_LIMIT	POSITION
□	4	6	STPR:BSYH:847:OUT_LIMIT	STPR_BSYH_847_OUT_LIMIT	POSITION
□	4	7	STPR:CLTS:585:IN_LIMIT	STPR_CLTS_585_IN_LIMIT	POSITION
□	4	8	STPP:CLTS:585:OUT_LIMIT	STPP_CLTS_585_OUT_LIMIT	POSITION
□	16	9	KICK:LTUH:320:CURRENT	KICK_LTUH_320_CURRENT	THRESHOLD

32 Link Node 132

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	3	BEND:LTUH:220:ON	BEND_LTUH_220_ON	STATE
□	4	4	BEND:LTUH:220:OFF	BEND_LTUH_220_OFF	STATE
□	4	9	OTRS:LTUH:449:IN_LIMIT	OTRS_LTUH_449_IN_LIMIT	POSITION
□	4	10	OTRS:LTUH:449:OUT_LIMIT	OTRS_LTUH_449_OUT_LIMIT	POSITION
□	4	13	COLL:LTUH:393:TEMP	COLL_LTUH_393_TEMP	STATE
□	4	14	COLL:LTUH:452:TEMP	COLL_LTUH_452_TEMP	STATE
□	4	15	COLL:LTUH:475:TEMP	COLL_LTUH_475_TEMP	STATE
□	16	11	BEND:LTUH:220:CURRENT	BEND_LTUH_220_CURRENT	THRESHOLD

33 Link Node 134

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	1	VVMG:LTUH:774:POSITION	VVMG_LTUH_774_POSITION	STATE
□	3	9	VVPG:LTUH:435:POSITION	VVPG_LTUH_435_POSITION	STATE
□	3	10	VVPG:LTUH:580:POSITION	VVPG_LTUH_580_POSITION	STATE
□	3	11	VVPG:LTUH:725:POSITION	VVPG_LTUH_725_POSITION	STATE
□	3	12	VVPG:LTUH:757:POSITION	VVPG_LTUH_757_POSITION	STATE
□	3	13	VVPG:LTUH:999:POSITION	VVPG_LTUH_999_POSITION	STATE
□	3	14	VVMG:LTUH:505:POSITION	VVMG_LTUH_505_POSITION	STATE
□	3	15	VVMG:LTUH:670:POSITION	VVMG_LTUH_670_POSITION	STATE
□	3	16	VVMG:LTUH:742:POSITION	VVMG_LTUH_742_POSITION	STATE
□	4	9	YAGS:LTUH:743:IN_LIMIT	YAGS_LTUH_743_IN_LIMIT	POSITION
□	4	10	YAGS:LTUH:743:OUT_LIMIT	YAGS_LTUH_743_OUT_LIMIT	POSITION
□	4	11	OTRS:LTUH:745:IN_LIMIT	OTRS_LTUH_745_IN_LIMIT	POSITION
□	4	12	OTRS:LTUH:745:OUT_LIMIT	OTRS_LTUH_745_OUT_LIMIT	POSITION

34 Link Node 136

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDH:2375:I0	CBLM_UNDH_2375_I0	THRESHOLD
□	16	10	CBLM:UNDH:2475:I0	CBLM_UNDH_2475_I0	THRESHOLD
□	16	11	CBLM:UNDH:2575:I0	CBLM_UNDH_2575_I0	THRESHOLD
□	16	12	CBLM:UNDH:2675:I0	CBLM_UNDH_2675_I0	THRESHOLD

35 Link Node 138

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDH:1775:I0	CBLM_UNDH_1775_I0	THRESHOLD
□	16	10	CBLM:UNDH:1875:I0	CBLM_UNDH_1875_I0	THRESHOLD
□	16	11	CBLM:UNDH:1975:I0	CBLM_UNDH_1975_I0	THRESHOLD
□	16	12	CBLM:UNDH:2075:I0	CBLM_UNDH_2075_I0	THRESHOLD
□	16	13	CBLM:UNDH:2175:I0	CBLM_UNDH_2175_I0	THRESHOLD
□	16	14	CBLM:UNDH:2275:I0	CBLM_UNDH_2275_I0	THRESHOLD

36 Link Node 139

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	2	DUMP:LTUH:970:IN_LIMIT	DUMP_LTUH_970_IN_LIMIT	POSITION
□	4	3	DUMP:LTUH:970:OUT_LIMIT	DUMP_LTUH_970_OUT_LIMIT	POSITION
□	4	9	VVPG:UNDH:1288:POSITION	VVPG_UNDH_1288_POSITION	STATE
□	4	10	VVPG:UNDH:1998:POSITION	VVPG_UNDH_1998_POSITION	STATE
□	4	11	VVPG:UNDH:2198:POSITION	VVPG_UNDH_2198_POSITION	STATE
□	4	12	VVMG:UNDH:1498:POSITION	VVMG_UNDH_1498_POSITION	STATE
□	4	13	VVMG:UNDH:1698:POSITION	VVMG_UNDH_1698_POSITION	STATE
□	4	14	VVMG:UNDH:2498:POSITION	VVMG_UNDH_2498_POSITION	STATE
□	16	11	CBLM:UNDH:1375:I0	CBLM_UNDH_1375_I0	THRESHOLD
□	16	12	CBLM:UNDH:1475:I0	CBLM_UNDH_1475_I0	THRESHOLD
□	16	13	CBLM:UNDH:1575:I0	CBLM_UNDH_1575_I0	THRESHOLD
□	16	14	CBLM:UNDH:1675:I0	CBLM_UNDH_1675_I0	THRESHOLD

37 Link Node 140

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDH:2775:I0	CBLM_UNDH_2775_I0	THRESHOLD
□	16	10	CBLM:UNDH:2875:I0	CBLM_UNDH_2875_I0	THRESHOLD
□	16	11	CBLM:UNDH:2975:I0	CBLM_UNDH_2975_I0	THRESHOLD
□	16	12	CBLM:UNDH:3075:I0	CBLM_UNDH_3075_I0	THRESHOLD
□	16	13	CBLM:UNDH:3175:I0	CBLM_UNDH_3175_I0	THRESHOLD
□	16	14	CBLM:UNDH:3275:I0	CBLM_UNDH_3275_I0	THRESHOLD

38 Link Node 141

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	1	OTRS:DMPH:695:IN_LIMIT	OTRS_DMPH_695_IN_LIMIT	POSITION
□	3	2	OTRS:DMPH:695:OUT_LIMIT	OTRS_DMPH_695_OUT_LIMIT	POSITION
□	3	4	BEND:DMPH:395:ON	BEND_DMPH_395_ON	STATE
□	3	5	BEND:DMPH:395:OFF	BEND_DMPH_395_OFF	STATE
□	3	9	VVMG:UNDH:2843:POSITION	VVMG_UNDH_2843_POSITION	STATE
□	4	1	VVPG:UNDH:3798:POSITION	VVPG_UNDH_3798_POSITION	STATE
□	4	2	VVPG:UNDH:4598:POSITION	VVPG_UNDH_4598_POSITION	STATE
□	4	3	VVPG:UNDH:5196:POSITION	VVPG_UNDH_5196_POSITION	STATE
□	4	4	VVMG:UNDH:3298:POSITION	VVMG_UNDH_3298_POSITION	STATE
□	4	5	VVMG:UNDH:3598:POSITION	VVMG_UNDH_3598_POSITION	STATE
□	4	6	VVMG:UNDH:4098:POSITION	VVMG_UNDH_4098_POSITION	STATE
□	4	7	VVMG:UNDH:4398:POSITION	VVMG_UNDH_4398_POSITION	STATE
□	4	8	VVMG:UNDH:2838:POSITION	VVMG_UNDH_2838_POSITION	STATE
□	4	9	VVFS:DMPH:157:POSITION	VVFS_DMPH_157_POSITION	STATE
□	4	11	VVPG:DMPH:396:POSITION	VVPG_DMPH_396_POSITION	STATE
□	4	12	VVPG:DMPH:424:POSITION	VVPG_DMPH_424_POSITION	STATE
□	4	13	VVMG:DMPH:643:POSITION	VVMG_DMPH_643_POSITION	STATE
□	4	14	VVMG:DMPH:681:POSITION	VVMG_DMPH_681_POSITION	STATE
□	4	15	VVPG:UNDH:2798:POSITION	VVPG_UNDH_2798_POSITION	STATE
□	4	16	VVPG:UNDH:2998:POSITION	VVPG_UNDH_2998_POSITION	STATE
□	16	9	CBLM:UNDH:4575:I0	CBLM_UNDH_4575_I0	THRESHOLD
□	16	10	CBLM:UNDH:4675:I0	CBLM_UNDH_4675_I0	THRESHOLD
□	16	11	BEND:DMPH:395:CURRENT	BEND_DMPH_395_CURRENT	THRESHOLD

39 Link Node 143

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDH:3375:I0	CBLM_UNDH_3375_I0	THRESHOLD
□	16	10	CBLM:UNDH:3475:I0	CBLM_UNDH_3475_I0	THRESHOLD
□	16	11	CBLM:UNDH:3575:I0	CBLM_UNDH_3575_I0	THRESHOLD
□	16	12	CBLM:UNDH:3675:I0	CBLM_UNDH_3675_I0	THRESHOLD
□	16	13	CBLM:UNDH:3775:I0	CBLM_UNDH_3775_I0	THRESHOLD
□	16	14	CBLM:UNDH:3875:I0	CBLM_UNDH_3875_I0	THRESHOLD

40 Link Node 144

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDH:3975:I0	CBLM_UNDH_3975_I0	THRESHOLD
□	16	10	CBLM:UNDH:4075:I0	CBLM_UNDH_4075_I0	THRESHOLD
□	16	11	CBLM:UNDH:4175:I0	CBLM_UNDH_4175_I0	THRESHOLD
□	16	12	CBLM:UNDH:4275:I0	CBLM_UNDH_4275_I0	THRESHOLD
□	16	13	CBLM:UNDH:4375:I0	CBLM_UNDH_4375_I0	THRESHOLD
□	16	14	CBLM:UNDH:4475:I0	CBLM_UNDH_4475_I0	THRESHOLD

41 Link Node 145

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	HXU:CLASS:8:0	HXU_CLASS_8_0	STATE
□	4	2	HXU:CLASS:9:0	HXU_CLASS_9_0	STATE
□	4	3	HXU:CLASS:10:0	HXU_CLASS_10_0	STATE
□	4	4	HXU:CLASS:11:0	HXU_CLASS_11_0	STATE
□	4	5	HXU:CLASS:12:0	HXU_CLASS_12_0	STATE
□	4	6	HXU:CLASS:13:0	HXU_CLASS_13_0	STATE
□	4	7	HXU:CLASS:14:0	HXU_CLASS_14_0	STATE
□	4	8	HXU:CLASS:15:0	HXU_CLASS_15_0	STATE
□	4	9	HXU:CLASS:0:0	HXU_CLASS_0_0	STATE
□	4	10	HXU:CLASS:1:0	HXU_CLASS_1_0	STATE
□	4	11	HXU:CLASS:2:0	HXU_CLASS_2_0	STATE
□	4	12	HXU:CLASS:3:0	HXU_CLASS_3_0	STATE
□	4	13	HXU:CLASS:4:0	HXU_CLASS_4_0	STATE
□	4	14	HXU:CLASS:5:0	HXU_CLASS_5_0	STATE
□	4	15	HXU:CLASS:6:0	HXU_CLASS_6_0	STATE
□	4	16	HXU:CLASS:7:0	HXU_CLASS_7_0	STATE

42 Link Node 195

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	BEND:CLTS:765:ON	BEND_CLTS_765_ON	STATE
□	4	2	BEND:CLTS:765:OFF	BEND_CLTS_765_OFF	STATE
□	4	9	VVPG:CLTS:372:POSITION	VVPG_CLTS_372_POSITION	STATE
□	4	10	STPR:CLTS:585:TEMP	STPR_CLTS_585_TEMP	STATE
□	4	11	BEND:CLTS:280:ON	BEND_CLTS_280_ON	STATE
□	4	12	BEND:CLTS:280:OFF	BEND_CLTS_280_OFF	STATE
□	4	13	KICK:CLTS:185:ON	KICK_CLTS_185_ON	STATE
□	4	14	KICK:CLTS:185:OFF	KICK_CLTS_185_OFF	STATE
□	4	15	BEND:CLTS:180:ON	BEND_CLTS_180_ON	STATE
□	4	16	BEND:CLTS:180:OFF	BEND_CLTS_180_OFF	STATE
□	16	9	KICK:CLTS:185:CURRENT	KICK_CLTS_185_CURRENT	THRESHOLD
□	16	10	BEND:CLTS:280:CURRENT	BEND_CLTS_280_CURRENT	THRESHOLD
□	16	11	BEND:CLTS:180:CURRENT	BEND_CLTS_180_CURRENT	THRESHOLD
□	16	12	BEND:CLTS:765:CURRENT	BEND_CLTS_765_CURRENT	THRESHOLD

43 Link Node 196

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	4	COLL:SLTS:428:TEMP	COLL_SLTS_428_TEMP	STATE
□	4	9	VVFS:SLTS:130:POSITION	VVFS_SLTS_130_POSITION	STATE
□	4	12	VVPG:SLTS:115:POSITION	VVPG_SLTS_115_POSITION	STATE
□	4	13	VVPG:SLTS:581:POSITION	VVPG_SLTS_581_POSITION	STATE

44 Link Node 199

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	9	VVFS:LTUS:109:POSITION	VVFS_LTUS_109_POSITION	STATE
□	4	10	VVPG:LTUS:108:POSITION	VVPG_LTUS_108_POSITION	STATE
□	4	11	VVPG:LTUS:272:POSITION	VVPG_LTUS_272_POSITION	STATE
□	4	12	VVMG:LTUS:185:POSITION	VVMG_LTUS_185_POSITION	STATE
□	4	13	VVMG:LTUS:348:POSITION	VVMG_LTUS_348_POSITION	STATE
□	4	14	VVPG:BSYS:904:POSITION	VVPG_BSYS_904_POSITION	STATE
□	4	15	COLL:BSYS:859:TEMP	COLL_BSYS_859_TEMP	STATE

45 Link Node 202

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	COLL:LTUS:345:TEMP	COLL_LTUS_345_TEMP	STATE
□	4	2	COLL:LTUS:116:TEMP	COLL_LTUS_116_TEMP	STATE
□	4	3	KICK:LTUS:350:ON	KICK_LTUS_350_ON	STATE
□	4	4	KICK:LTUS:350:OFF	KICK_LTUS_350_OFF	STATE
□	4	5	STPR:BSYS:891:TEMP	STPR_BSYS_891_TEMP	STATE
□	4	6	STPR:BSYS:897:TEMP	STPR_BSYS_897_TEMP	STATE
□	4	10	STPR:BSYS:891:IN_LIMIT	STPR_BSYS_891_IN_LIMIT	POSITION
□	4	11	STPR:BSYS:891:OUT_LIMIT	STPR_BSYS_891_OUT_LIMIT	POSITION
□	4	16	COLL:LTUS:235:TEMP	COLL_LTUS_235_TEMP	STATE
□	16	9	KICK:LTUS:350:CURRENT	KICK_LTUS_350_CURRENT	THRESHOLD

46 Link Node 204

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	BEND:LTUS:175:CURRENT	BEND_LTUS_175_CURRENT	THRESHOLD
□	16	10	BEND:LTUS:525:CURRENT	BEND_LTUS_525_CURRENT	THRESHOLD

47 Link Node 205

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	BEND:LTUS:175:ON	BEND_LTUS_175_ON	STATE
□	4	2	BEND:LTUS:175:OFF	BEND_LTUS_175_OFF	STATE
□	4	3	BEND:LTUS:525:ON	BEND_LTUS_525_ON	STATE
□	4	4	BEND:LTUS:525:OFF	BEND_LTUS_525_OFF	STATE
□	4	6	COLL:LTUS:372:TEMP	COLL_LTUS_372_TEMP	STATE
□	4	9	VVPG:LTUS:442:POSITION	VVPG_LTUS_442_POSITION	STATE
□	4	10	VVPG:LTUS:586:POSITION	VVPG_LTUS_586_POSITION	STATE
□	4	11	VVMG:LTUS:451:POSITION	VVMG_LTUS_451_POSITION	STATE
□	4	12	VVMG:LTUS:505:POSITION	VVMG_LTUS_505_POSITION	STATE
□	4	13	VVMG:LTUS:552:POSITION	VVMG_LTUS_552_POSITION	STATE
□	4	14	VVMG:LTUS:656:POSITION	VVMG_LTUS_656_POSITION	STATE

48 Link Node 206

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	12	VVMG:LTUS:744:POSITION	VVMG_LTUS_744_POSITION	STATE
□	4	13	VVPG:LTUS:726:POSITION	VVPG_LTUS_726_POSITION	STATE
□	4	14	VVPG:LTUS:757:POSITION	VVPG_LTUS_757_POSITION	STATE

49 Link Node 208

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	9	VVPG:UNDS:1651:POSITION	VVPG_UNDS_1651_POSITION	STATE
□	4	10	VVPG:UNDS:2177:POSITION	VVPG_UNDS_2177_POSITION	STATE
□	4	11	VVPG:UNDS:2877:POSITION	VVPG_UNDS_2877_POSITION	STATE
□	4	13	DUMP:LTUS:972:IN_LIMIT	DUMP_LTUS_972_IN_LIMIT	POSITION
□	4	14	DUMP:LTUS:972:OUT_LIMIT	DUMP_LTUS_972_OUT_LIMIT	POSITION
□	4	15	VVMG:LTUS:802:POSITION	VVMG_LTUS_802_POSITION	STATE
□	4	16	VVMG:LTUS:827:POSITION	VVMG_LTUS_827_POSITION	STATE

50 Link Node 210

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDS:2610:I0	CBLM_UNDS_2610_I0	THRESHOLD
□	16	10	CBLM:UNDS:2710:I0	CBLM_UNDS_2710_I0	THRESHOLD
□	16	11	CBLM:UNDS:2810:I0	CBLM_UNDS_2810_I0	THRESHOLD
□	16	12	CBLM:UNDS:2910:I0	CBLM_UNDS_2910_I0	THRESHOLD
□	16	13	CBLM:UNDS:3010:I0	CBLM_UNDS_3010_I0	THRESHOLD
□	16	14	CBLM:UNDS:3110:I0	CBLM_UNDS_3110_I0	THRESHOLD

51 Link Node 213

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	3	9	BEND:DMPS:395:ON	BEND_DMPS_395_ON	STATE
□	3	10	BEND:DMPS:395:OFF	BEND_DMPS_395_OFF	STATE
□	4	1	VVPG:UNDS:3877:POSITION	VVPG_UNDS_3877_POSITION	STATE
□	4	2	VVPG:UNDS:4477:POSITION	VVPG_UNDS_4477_POSITION	STATE
□	4	3	VVPG:UNDS:5198:POSITION	VVPG_UNDS_5198_POSITION	STATE
□	4	6	OTRS:DMPS:695:IN_LIMIT	OTRS_DMPS_695_IN_LIMIT	POSITION
□	4	7	OTRS:DMPS:695:OUT_LIMIT	OTRS_DMPS_695_OUT_LIMIT	POSITION
□	4	9	VVFS:DMPS:157:POSITION	VVFS_DMPS_157_POSITION	STATE
□	4	11	VVPG:DMPS:396:POSITION	VVPG_DMPS_396_POSITION	STATE
□	4	12	VVPG:DMPS:424:POSITION	VVPG_DMPS_424_POSITION	STATE
□	4	13	VVMG:DMPS:643:POSITION	VVMG_DMPS_643_POSITION	STATE
□	4	14	VVMG:DMPS:681:POSITION	VVMG_DMPS_681_POSITION	STATE
□	4	15	VVPG:UNDS:3477:POSITION	VVPG_UNDS_3477_POSITION	STATE
□	4	16	VVPG:UNDS:3577:POSITION	VVPG_UNDS_3577_POSITION	STATE
□	16	10	CBLM:UNDS:3410:I0	CBLM_UNDS_3410_I0	THRESHOLD
□	16	11	CBLM:UNDS:3510:I0	CBLM_UNDS_3510_I0	THRESHOLD
□	16	12	CBLM:UNDS:3610:I0	CBLM_UNDS_3610_I0	THRESHOLD
□	16	13	CBLM:UNDS:3710:I0	CBLM_UNDS_3710_I0	THRESHOLD
□	16	14	CBLM:UNDS:3810:I0	CBLM_UNDS_3810_I0	THRESHOLD

52 Link Node 214

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDS:3910:I0	CBLM_UNDS_3910_I0	THRESHOLD
□	16	10	CBLM:UNDS:4010:I0	CBLM_UNDS_4010_I0	THRESHOLD
□	16	11	CBLM:UNDS:4110:I0	CBLM_UNDS_4110_I0	THRESHOLD
□	16	12	CBLM:UNDS:4210:I0	CBLM_UNDS_4210_I0	THRESHOLD
□	16	13	CBLM:UNDS:4310:I0	CBLM_UNDS_4310_I0	THRESHOLD
□	16	14	CBLM:UNDS:4410:I0	CBLM_UNDS_4410_I0	THRESHOLD

53 Link Node 215

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	16	9	CBLM:UNDS:4510:I0	CBLM_UNDS_4510_I0	THRESHOLD
□	16	10	CBLM:UNDS:4610:I0	CBLM_UNDS_4610_I0	THRESHOLD
□	16	11	CBLM:UNDS:4710:I0	CBLM_UNDS_4710_I0	THRESHOLD
□	16	12	CBLM:UNDS:3310:I0	CBLM_UNDS_3310_I0	THRESHOLD
□	16	14	CBLM:UNDS:3210:I0	CBLM_UNDS_3210_I0	THRESHOLD

54 Link Node 216

Verified	Card	Channel	PV Prefix	Device Name	Fault Name
□	4	1	SXU:CLASS:8:1	SXU_CLASS_8_1	STATE
□	4	2	SXU:CLASS:9:1	SXU_CLASS_9_1	STATE
□	4	3	SXU:CLASS:10:1	SXU_CLASS_10_1	STATE
□	4	4	SXU:CLASS:11:1	SXU_CLASS_11_1	STATE
□	4	5	SXU:CLASS:12:1	SXU_CLASS_12_1	STATE
□	4	6	SXU:CLASS:13:1	SXU_CLASS_13_1	STATE
□	4	7	SXU:CLASS:14:1	SXU_CLASS_14_1	STATE
□	4	8	SXU:CLASS:15:1	SXU_CLASS_15_1	STATE
□	4	9	SXU:CLASS:0:1	SXU_CLASS_0_1	STATE
□	4	10	SXU:CLASS:1:1	SXU_CLASS_1_1	STATE
□	4	11	SXU:CLASS:2:1	SXU_CLASS_2_1	STATE
□	4	12	SXU:CLASS:3:1	SXU_CLASS_3_1	STATE
□	4	13	SXU:CLASS:4:1	SXU_CLASS_4_1	STATE
□	4	14	SXU:CLASS:5:1	SXU_CLASS_5_1	STATE
□	4	15	SXU:CLASS:6:1	SXU_CLASS_6_1	STATE
□	4	16	SXU:CLASS:7:1	SXU_CLASS_7_1	STATE