

Abort（Abort Time Stamp参照）	Ring	sensor	詳しい内容（Alarm Log参照）	場所
Loss Monitor D1-1	LER	PIN	Loss Monitor Abort BM_BLM:D01:ABORT1_1 (D2H1 collimator)	D2H1Collimator
			Loss Monitor Abort BM_BLM:D01:ABORT1_2 (D2H2 collimator)	D2H2Collimator
			Loss Monitor Abort BM_BLM:D01:ABORT1_3 (D2V1 collimator)	D2V1Collimator下流
			Loss Monitor Abort BM_BLM:D01:ABORT1_4 (D2H3 collimator)	D2H3Collimator
			Loss Monitor Abort BM_BLM:D01:ABORT1_5 (D2H4 collimator)	D2H4Collimator
Loss Monitor D1-2	LER	PIN	Loss Monitor Abort BM_BLM:D01:ABORT1_6	D3V2 Collimator予定地
			Loss Monitor Abort BM_BLM:D01:ABORT1_7 (D3V1 collimator)	D3V1Collimator
			Loss Monitor Abort BM_BLM:D01:ABORT2_1	SF4TRP.2
			Loss Monitor Abort BM_BLM:D01:ABORT2_2	QD1P.23
			Loss Monitor Abort BM_BLM:D01:ABORT2_3	QD3P.37
			Loss Monitor Abort BM_BLM:D01:ABORT2_4	QLA8LP下流
			Loss Monitor Abort BM_BLM:D01:ABORT2_5	QF4P.3下流
			Loss Monitor Abort BM_BLM:D01:ABORT2_6	QD3P.5下流
			Loss Monitor Abort BM_BLM:D01:ABORT2_7	QLX2LP.2下流
			Loss Monitor Abort BM_BLM:D01:ABORT3_1	QD5E.45
Loss Monitor D1-3	HER	PIN	Loss Monitor Abort BM_BLM:D01:ABORT3_2	QF2E.46
			Loss Monitor Abort BM_BLM:D01:ABORT3_3	QEAE.44
			Loss Monitor Abort BM_BLM:D01:ABORT3_4	QEAE.5下流
			Loss Monitor Abort BM_BLM:D01:ABORT3_5	QT2TNP.1下流
			Loss Monitor Abort BM_BLM:D01:ABORT3_6	QLA6LE下流
			Loss Monitor Abort BM_BLM:D01:ABORT3_7	QEAE.3下流
Loss Monitor D1-4	Both	IC	Loss Monitor Abort BM_BLM:D01:ABORT4_1	QLB1LP
			Loss Monitor Abort BM_BLM:D01:ABORT4_2	D1V1Collimator 下流4m
			Loss Monitor Abort BM_BLM:D01:ABORT4_3	QLC3LP
			Loss Monitor Abort BM_BLM:D01:ABORT4_4	BLC1LP.2
			Loss Monitor Abort BM_BLM:D01:ABORT4_5	QLC3RE
			Loss Monitor Abort BM_BLM:D01:ABORT4_6	QLC3RP
			Loss Monitor Abort BM_BLM:D01:ABORT4_7	QLY2RP.2
			Loss Monitor Abort BM_BLM:D01:ABORT4_8	QLB2RP
			Loss Monitor Abort BM_BLM:D01:ABORT5_1	QLB3LP
			Loss Monitor Abort BM_BLM:D01:ABORT5_2	QLY2RP.1
Loss Monitor D1-5	Both	IC	Loss Monitor Abort BM_BLM:D01:ABORT5_3	QLX1RP.1
			Loss Monitor Abort BM_BLM:D01:ABORT5_4	QLA5RE
			Loss Monitor Abort BM_BLM:D01:ABORT5_5	QF4E.40
			Loss Monitor Abort BM_BLM:D01:ABORT5_6	SF4TRE.2
			Loss Monitor Abort BM_BLM:D01:ABORT5_7	SF4TRE.1
			Loss Monitor Abort BM_BLM:D01:ABORT5_8	SF6TRE.1
Loss Monitor D1-6	Both	Power supply		
Loss Monitor D4-1	LER	PIN	Loss Monitor Abort BM_BLM:D04:ABORT1_1	QD1P.20
			Loss Monitor Abort BM_BLM:D04:ABORT1_2	QD3P.33
			Loss Monitor Abort BM_BLM:D04:ABORT1_3	SF4OLP.1
			Loss Monitor Abort BM_BLM:D04:ABORT1_4	QD3P.31
			Loss Monitor Abort BM_BLM:D04:ABORT1_5	QD5P.37
			Loss Monitor Abort BM_BLM:D04:ABORT1_6 (D3H1 collimator)	D3H1 Collimator
			Loss Monitor Abort BM_BLM:D04:ABORT1_7	D3H2 Collimator予定地
			Loss Monitor Abort BM_BLM:D04:ABORT1_8 (D3H1 collimator-3)	D3H1 Collimator downstream 2
			Loss Monitor Abort BM_BLM:D04:ABORT2_1 (D3H1 collimator-2)	D3H1 Collimator downstream 1
			Loss Monitor Abort BM_BLM:D04:ABORT2_2	QD3P.35
Loss Monitor D4-2	LER	PIN	Loss Monitor Abort BM_BLM:D04:ABORT2_3	QF6P.21
			Loss Monitor Abort BM_BLM:D04:ABORT2_4	BP1OP.4
			Loss Monitor Abort BM_BLM:D04:ABORT2_5	BS2OP.2
			Loss Monitor Abort BM_BLM:D04:ABORT2_6	SF2ORP.2
			Loss Monitor Abort BM_BLM:D04:ABORT2_7	QD5P.35
			Loss Monitor Abort BM_BLM:D04:ABORT2_8	QD1P.18
			Loss Monitor Abort BM_BLM:D04:ABORT3_1	QD3P.29
			Loss Monitor Abort BM_BLM:D04:ABORT3_2	QF6P.17
			Loss Monitor Abort BM_BLM:D04:ABORT3_3	QEAP.33
			Loss Monitor Abort BM_BLM:D04:ABORT3_4	QD1P.17
Loss Monitor D4-3	LER	PIN	Loss Monitor Abort BM_BLM:D04:ABORT3_5 (D6V2 collimator)	D6V2 collimator 下流
			Loss Monitor Abort BM_BLM:D04:ABORT3_6	B2P.71
			Loss Monitor Abort BM_BLM:D04:ABORT4_1	QD1E.20
			Loss Monitor Abort BM_BLM:D04:ABORT4_2	QD5E.37
			Loss Monitor Abort BM_BLM:D04:ABORT4_3	QTAOTE.2
			Loss Monitor Abort BM_BLM:D04:ABORT4_4	QF2E.42
			Loss Monitor Abort BM_BLM:D04:ABORT4_5	QR5OE.1
			Loss Monitor Abort BM_BLM:D04:ABORT4_6	QS2OE.1
			Loss Monitor Abort BM_BLM:D04:ABORT4_7	QD1E.18
			Loss Monitor Abort BM_BLM:D04:ABORT4_8	QD1E.17
Loss Monitor D4-4	HER	PIN	Loss Monitor Abort BM_BLM:D04:ABORT5_1	QR2OE.2
			Loss Monitor Abort BM_BLM:D04:ABORT5_2	QFROE.4
			Loss Monitor Abort BM_BLM:D04:ABORT5_3	SF2OL.1
Loss Monitor D4-5	Both	IC		

Loss Monitor D4-6	Both	IC	Loss Monitor Abort BM_BLM:D04:ABORT5_4	QS20E.2
			Loss Monitor Abort BM_BLM:D04:ABORT5_5	QFWOP.3
			Loss Monitor Abort BM_BLM:D04:ABORT5_6	QFWOP.2
			Loss Monitor Abort BM_BLM:D04:ABORT5_7	QR20E.1
			Loss Monitor Abort BM_BLM:D04:ABORT5_8	BP10P.2
			Loss Monitor Abort BM_BLM:D04:ABORT6_1	SF20LE.2
			Loss Monitor Abort BM_BLM:D04:ABORT6_2	SF60LE.1
			Loss Monitor Abort BM_BLM:D04:ABORT6_3	SF80TE.1
			Loss Monitor Abort BM_BLM:D04:ABORT6_4	BP10P.6
			Loss Monitor Abort BM_BLM:D04:ABORT6_5	SF20RE.2
			Loss Monitor Abort BM_BLM:D04:ABORT6_6	SF20RE.1
			Loss Monitor Abort BM_BLM:D04:ABORT6_7	B2E.78
			Loss Monitor Abort BM_BLM:D04:ABORT6_8	QD5P.31
Loss Monitor D4-7	Both	Power supply		
Loss Monitor D7-1	LER	PIN	Loss Monitor Abort BM_BLM:D07:ABORT1_1 (RF D7C)	RF D7C 下流
			Loss Monitor Abort BM_BLM:D07:ABORT1_2 (LER Beam Dump)	LER Beam Dump
			Loss Monitor Abort BM_BLM:D07:ABORT1_3	QI8P
			Loss Monitor Abort BM_BLM:D07:ABORT1_4 (D6V2 collimator)	D6V2Collimator
			Loss Monitor Abort BM_BLM:D07:ABORT1_5	QT5FOP
			Loss Monitor Abort BM_BLM:D07:ABORT1_6 (D6V1 collimator)	D6V1 Collimator
			Loss Monitor Abort BM_BLM:D07:ABORT1_7	QF2P.30
			Loss Monitor Abort BM_BLM:D07:ABORT1_8	BSWFRP
Loss Monitor D7-2	LER	PIN	Loss Monitor Abort BM_BLM:D07:ABORT2_1 (D6H1 collimator upstrea	D6H1Collimator
			Loss Monitor Abort BM_BLM:D07:ABORT2_2	D6H2Collimator 予定地下流
			Loss Monitor Abort BM_BLM:D07:ABORT2_3 (D6H1 collimator downst	D6H1Collimator 下流
			Loss Monitor Abort BM_BLM:D07:ABORT2_4	D6H2Collimator 予定地下流
			Loss Monitor Abort BM_BLM:D07:ABORT2_5 (D6H3 collimator upstrea	D6H3Collimator 上流
			Loss Monitor Abort BM_BLM:D07:ABORT2_6	D6H4Collimator 予定地上流
			Loss Monitor Abort BM_BLM:D07:ABORT2_7 (D6H3 collimator downst	D6H3Collimator 下流
			Loss Monitor Abort BM_BLM:D07:ABORT2_8	D6H4Collimator 予定地下流
Loss Monitor D7-3	HER	PIN	Loss Monitor Abort BM_BLM:D07:ABORT3_1	QM6E
			Loss Monitor Abort BM_BLM:D07:ABORT3_2	QEAE.25
			Loss Monitor Abort BM_BLM:D07:ABORT3_3	QS2FLE
			Loss Monitor Abort BM_BLM:D07:ABORT3_4	QT5FOE
			Loss Monitor Abort BM_BLM:D07:ABORT3_5	QD1E.15
			Loss Monitor Abort BM_BLM:D07:ABORT3_6	QI2E
			Loss Monitor Abort BM_BLM:D07:ABORT3_7	QX7E.1
			Loss Monitor Abort BM_BLM:D07:ABORT3_8	QS2FRE
Loss Monitor D7-4	HER	PIN	Loss Monitor Abort BM_BLM:D07:ABORT4_1	QS4FRE
			Loss Monitor Abort BM_BLM:D07:ABORT4_2	QEAE.23
Loss Monitor D7-5	Both	IC	Loss Monitor Abort BM_BLM:D07:ABORT5_1	QM4E
			Loss Monitor Abort BM_BLM:D07:ABORT5_2	Fuji center
			Loss Monitor Abort BM_BLM:D07:ABORT5_3	BSWFLP
			Loss Monitor Abort BM_BLM:D07:ABORT5_4	QI6P
			Loss Monitor Abort BM_BLM:D07:ABORT5_5	QX4E.1
			Loss Monitor Abort BM_BLM:D07:ABORT5_6	QX6E.1
			Loss Monitor Abort BM_BLM:D07:ABORT5_7	QI4E
			Loss Monitor Abort BM_BLM:D07:ABORT5_8	QI6E
Loss Monitor D7-6	Both	IC	Loss Monitor Abort BM_BLM:D07:ABORT6_1	SF4FLE.1
			Loss Monitor Abort BM_BLM:D07:ABORT6_2	SF2FLE.2
			Loss Monitor Abort BM_BLM:D07:ABORT6_3	QD5P.29
			Loss Monitor Abort BM_BLM:D07:ABORT6_4	SF6LE.1
			Loss Monitor Abort BM_BLM:D07:ABORT6_5	SF4FLE.2
			Loss Monitor Abort BM_BLM:D07:ABORT6_6	SF8F0E.1
			Loss Monitor Abort BM_BLM:D07:ABORT6_7	SF6FLE.2
			Loss Monitor Abort BM_BLM:D07:ABORT6_8	QM4E
Loss Monitor D7-7	Both	IC	Loss Monitor Abort BM_BLM:D07:ABORT7_1	QFRP.3
			Loss Monitor Abort BM_BLM:D07:ABORT7_2	QI2E
			Loss Monitor Abort BM_BLM:D07:ABORT7_3	SF2FLE.1
			Loss Monitor Abort BM_BLM:D07:ABORT7_4	QD5P.27
			Loss Monitor Abort BM_BLM:D07:ABORT7_5	QSWFRE
			Loss Monitor Abort BM_BLM:D07:ABORT7_6	SF2FRP.1
			Loss Monitor Abort BM_BLM:D07:ABORT7_7	SF4FP.1
			Loss Monitor Abort BM_BLM:D07:ABORT7_8	SF6FRP.1
Loss Monitor D7-8	Both	Power supply		
Loss Monitor D10-1	LER	PIN	Loss Monitor Abort BM_BLM:D10:ABORT1_1	QDWNP.5
			Loss Monitor Abort BM_BLM:D10:ABORT1_2	QDWNP.6
			Loss Monitor Abort BM_BLM:D10:ABORT1_3	QSBNP.2
			Loss Monitor Abort BM_BLM:D10:ABORT1_4	QW8NP.2
			Loss Monitor Abort BM_BLM:D10:ABORT1_5	NR124
			Loss Monitor Abort BM_BLM:D10:ABORT1_6	NR162
			Loss Monitor Abort BM_BLM:D10:ABORT1_7	NR206

Loss Monitor D10-2	HER	PIN	Loss Monitor Abort BM_BLM:D10:ABORT1_8	NR276
			Loss Monitor Abort BM_BLM:D10:ABORT2_1 (D9H1 collimator)	HER D9H1Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT2_2 (D9V1 collimator)	HER D9V1Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT2_3 (D9V2 collimator)	HER D9V2 Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT2_5 (D9H3 collimator)	HER D9H3Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT2_6 (D9V3 collimator)	HER D9V3Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT2_7 (D9V4 collimator)	HER D9V4Collimator
Loss Monitor D10-3	HER	PIN	Loss Monitor Abort BM_BLM:D10:ABORT2_8 (D9H4 collimator)	HER D9H4Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_1 (D12V1 collimator)	HER D12V1Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_2 (D12H1 collimator)	HER D12H1Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_3 (D12H2 collimator)	HER D12H2Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_4 (D12V2 collimator)	HER D12V2Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_5 (D12H3 collimator)	HER D12H3Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT3_6 (D12V3 collimator)	HER D12V3Collimator
Loss Monitor D10-4	Both	IC	Loss Monitor Abort BM_BLM:D10:ABORT3_7 (D12H4 collimator)	HER D12H4Collimator
			Loss Monitor Abort BM_BLM:D10:ABORT4_1	QW2NP.2
			Loss Monitor Abort BM_BLM:D10:ABORT4_2	QFWNP.4
			Loss Monitor Abort BM_BLM:D10:ABORT4_3	QW8NP.2
			Loss Monitor Abort BM_BLM:D10:ABORT4_4	BP1NP.6
			Loss Monitor Abort BM_BLM:D10:ABORT4_5	QD5P.18
			Loss Monitor Abort BM_BLM:D10:ABORT4_6	QFRNE.3
Loss Monitor D10-5	HER	PIN	Loss Monitor Abort BM_BLM:D10:ABORT4_7	QFWNP.2
			Loss Monitor Abort BM_BLM:D10:ABORT4_8	QW2NP.1
			Loss Monitor Abort BM_BLM:D10:ABORT5_1	QDRNE.5
			Loss Monitor Abort BM_BLM:D10:ABORT5_2	QDRNE.6
			Loss Monitor Abort BM_BLM:D10:ABORT5_3	QSBNE.2
			Loss Monitor Abort BM_BLM:D10:ABORT5_4	QS2NE.2
			Loss Monitor Abort BM_BLM:D10:ABORT5_5 (D9H2 collimator)	HER D9H2 collimator
Loss Monitor D10-6	Both	IC	Loss Monitor Abort BM_BLM:D10:ABORT5_6 (D12V4 collimator)	HER D12V4 collimator
			Loss Monitor Abort BM_BLM:D10:ABORT6_1	SF6NLP.1
			Loss Monitor Abort BM_BLM:D10:ABORT6_2	SF8NFP.1
			Loss Monitor Abort BM_BLM:D10:ABORT6_3	SF2NLP.1
			Loss Monitor Abort BM_BLM:D10:ABORT6_4	SF4NLP.1
			Loss Monitor Abort BM_BLM:D10:ABORT6_5	BP1NP.2
			Loss Monitor Abort BM_BLM:D10:ABORT6_6	SF4NRP.2
Loss Monitor D10-7	Both	Power supply	Loss Monitor Abort BM_BLM:D10:ABORT6_7	SF4NRP.1
			Loss Monitor Abort BM_BLM:D10:ABORT6_8	SF6NRP.1
Loss Monitor TB4-1	LER	PIN	Loss Monitor Abort BM_BLM:TB4:ABORT1_1 (D2H4 collimator)	D2V1 collimator
Loss Monitor TB4-2	HER	PIN	Loss Monitor Abort BM_BLM:TB4:ABORT1_3	SLYTRP.1
			Loss Monitor Abort BM_BLM:TB4:ABORT2_1 (D1H3 collimator)	D1H3Collimator
			Loss Monitor Abort BM_BLM:TB4:ABORT2_2 (D1H5 collimator)	D1H5Collimator
			Loss Monitor Abort BM_BLM:TB4:ABORT2_3 (D1H4 collimator)	D1H4Collimator
			Loss Monitor Abort BM_BLM:TB4:ABORT2_4 (D1V1 collimator)	D1V1Collimator
			Loss Monitor Abort BM_BLM:TB4:ABORT2_6	QKARE
			Loss Monitor Abort BM_BLM:TB4:ABORT2_7	QLC3RE gate v.