Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
PSL	PMC REFL	RF PD	f_PMC I-phase	K1:PSL-PMCR_PDA1_RF**_I				1		k1psl	k1io
PSL	PMC REFL	RF PD	f_PMC Q-phase	K1:PSL-PMCR_PDA1_RF**_Q				1		k1psl	k1io
PSL	PMC REFL	RF PD	DC	K1:PSL-PMCR_PDA1_DC				0		k1psl	k1io
PSL	PMC TRANS	DC PD	DC	K1:PSL-PMCT_PDA1_RF**_DC				0		k1psl	k1io
PSL	REFCAV REFL	RF PD	f_IMC I-phase	K1:PSL-REFCAVR_PDA1_RF**_I				1		k1psl	k1io
PSL	REFCAV REFL	RF PD	f_IMC Q-phase	K1:PSL-REFCAVR_PDA1_RF**_Q				1		k1psl	k1io
PSL	REFCAV REFL	RF PD	DC	K1:PSL-REFCAVR_PDA1_DC				0		k1psl	k1io
PSL	REFCAV TRAN	DC PD	DC	K1:PSL-REFCAVT_PDA1_DC				0		k1psl	k1io
PSL	IP	DC QPD 1	DC	K1:PSL-IP_QPDA1_SEG1_DC				0		k1psl	k1io
PSL	IP	DC QPD 1	DC	K1:PSL-IP_QPDA1_SEG2_DC				0		k1psl	k1io
PSL	IP	DC QPD 1	DC	K1:PSL-IP_QPDA1_SEG3_DC				0		k1psl	k1io
PSL	IP	DC QPD 1	DC	K1:PSL-IP_QPDA1_SEG4_DC				0		k1psl	k1io
PSL	IP	DC QPD 2	DC	K1:PSL-IP_QPDA2_SEG1_DC				0		k1psl	k1io
PSL	IP	DC QPD 2	DC	K1:PSL-IP_QPDA2_SEG2_DC				0		k1psl	k1io
PSL	IP	DC QPD 2	DC	K1:PSL-IP_QPDA2_SEG3_DC				0		k1psl	k1io
PSL	IP	DC QPD 2	DC	K1:PSL-IP_QPDA2_SEG4_DC				0		k1psl	k1io

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
IMC	IMC REFL	RF PD	f_IMC I-phase	K1:IMC-REFL_PDA1_RF**_I				1		k1imc	k1io
IMC	IMC REFL	RF PD	f_IMC Q-phase	K1:IMC-REFL_PDA1_RF**_Q				1		k1imc	k1io
IMC	IMC REFL	RF PD	DC	K1:IMC-REFL_PDA1_DC				0		k1imc	k1io
IMC	IMC TRANS	DC PD	DC	K1:IMC-TRANS_PDA1_DC				0		k1imc	k1io

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
IMCASC	IMC REFL	WFS AIR 1	f_IMC I-phase	K1:IMC-REFL_WFSA1_RF15_I1				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC I-phase	K1:IMC-REFL_WFSA1_RF15_I2				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC I-phase	K1:IMC-REFL_WFSA1_RF15_I3				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC I-phase	K1:IMC-REFL_WFSA1_RF15_I4				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC Q-phase	K1:IMC-REFL_WFSA1_RF15_Q1				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC Q-phase	K1:IMC-REFL_WFSA1_RF15_Q2				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC Q-phase	K1:IMC-REFL_WFSA1_RF15_Q3				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	f_IMC Q-phase	K1:IMC-REFL_WFSA1_RF15_Q4				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	DC	K1:IMC-REFL_WFSA1_SEG1_DC				0		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 1	DC	K1:IMC-REFL_WFSA1_SEG2_DC				0			
IMCASC	IMC REFL	WFS AIR 1	DC	K1:IMC-REFL_WFSA1_SEG3_DC				0			
IMCASC	IMC REFL	WFS AIR 1	DC	K1:IMC-REFL_WFSA1_SEG4_DC				0			
IMCASC	IMC REFL	WFS AIR 2	f_IMC I-phase	K1:IMC-REFL_WFSA2_RF15_I1				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC I-phase	K1:IMC-REFL_WFSA2_RF15_I2				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC I-phase	K1:IMC-REFL_WFSA2_RF15_I3				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC I-phase	K1:IMC-REFL_WFSA2_RF15_I4				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC Q-phase	K1:IMC-REFL_WFSA2_RF15_Q1				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC Q-phase	K1:IMC-REFL_WFSA2_RF15_Q2				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC Q-phase	K1:IMC-REFL_WFSA2_RF15_Q3				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	f_IMC Q-phase	K1:IMC-REFL_WFSA2_RF15_Q4				1		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	DC	K1:IMC-REFL_WFSA2_SEG1_DC				0		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	DC	K1:IMC-REFL_WFSA2_SEG2_DC				0		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	DC	K1:IMC-REFL_WFSA2_SEG3_DC				0		k1imcasc	k1io
IMCASC	IMC REFL	WFS AIR 2	DC	K1:IMC-REFL_WFSA2_SEG4_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 1	DC	K1:IMC-TRANS_QPDV1_SEG1_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 1	DC	K1:IMC-TRANS_QPDV1_SEG2_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 1	DC	K1:IMC-TRANS_QPDV1_SEG3_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 1	DC	K1:IMC-TRANS_QPDV1_SEG4_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 2	DC	K1:IMC-TRANS_QPDV2_SEG1_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 2	DC	K1:IMC-TRANS_QPDV2_SEG2_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 2	DC	K1:IMC-TRANS_QPDV2_SEG3_DC				0		k1imcasc	k1io
IMCASC	IMC TRANS	QPD VAC 2	DC	K1:IMC-TRANS_QPDV2_SEG4_DC				0		k1imcasc	k1io

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
LSC	REFL	RF PD VAC	f1 I-phase	K1:LSC-REFL_PDV1_RF17_I				1		k1lsc	k1lsc
LSC	REFL	RF PD VAC	f1 Q-phase	K1:LSC-REFL_PDV1_RF17_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD VAC	f2 I-phase	K1:LSC-REFL_PDV1_RF45_I				1		k1lsc	k1lsc
LSC	REFL	RF PD VAC	f2 Q-phase	K1:LSC-REFL_PDV1_RF45_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD VAC	DC	K1:LSC-REFL_PDV1_DC				0		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f1 I-phase	K1:LSC-REFL_PDA1_RF17_I				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f1 Q-phase	K1:LSC-REFL_PDA1_RF17_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f2 I-phase	K1:LSC-REFL_PDA1_RF45_I				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f2 Q-phase	K1:LSC-REFL_PDA1_RF45_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	DC	K1:LSC-REFL_PDA1_DC				0		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f3-f1 I-phase	K1:LSC-REFL_PDA2_RF39_I				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f3-f1 Q-phase	K1:LSC-REFL_PDA2_RF39_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f2-f1 I-phase	K1:LSC-REFL_PDA2_RF28_I				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	f2-f1 I-phase	K1:LSC-REFL_PDA2_RF28_Q				1		k1lsc	k1lsc
LSC	REFL	RF PD AIR	DC	K1:LSC-REFL_PDA2_DC				0		k1lsc	k1lsc
LSC	POP	RF PD VAC	f1 I-phase	K1:LSC-POP_PDV1_RF17_I				1		k1lsc	k1lsc
LSC	POP	RF PD VAC	f1 Q-phase	K1:LSC-POP_PDV1_RF17_Q				1		k1lsc	k1lsc
LSC	POP	RF PD VAC	f2 I-phase	K1:LSC-POP_PDV1_RF45_I				1		k1lsc	k1lsc
LSC	POP	RF PD VAC	f2 Q-phase	K1:LSC-POP_PDV1_RF45_Q				1		k1lsc	k1lsc
LSC	POP	RF PD VAC	DC	K1:LSC-POP_PDV1_DC				0		k1lsc	k1lsc
LSC	POP	RD PD AIR	f1 I-phase	K1:LSC-POP_PDA1_RF17_I				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	f1 Q-phase	K1:LSC-POP_PDA1_RF17_Q				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	f2 I-phase	K1:LSC-POP_PDA1_RF45_I				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	f2 Q-phase	K1:LSC-POP_PDA1_RF45_Q				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	DC	K1:LSC-POP_PDA1_DC				0		k1lsc	k1lsc
LSC	POP	RD PD AIR	2*f1 I-phase	K1:LSC-POP_PDA2_RF34_I				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	2*f1 Q-phase	K1:LSC-POP_PDA2_RF34_Q				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	2*f2 I-phase	K1:LSC-POP_PDA2_RF90_I				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	2*f2 Q-phase	K1:LSC-POP_PDA2_RF90_Q				1		k1lsc	k1lsc
LSC	POP	RD PD AIR	DC	K1:LSC-POP_PDA2_DC				0		k1lsc	k1lsc
LSC	POX	RF PD AIR	f1 I-phase	K1:LSC-POX_PDA1_RF17_I				1		k1lsc	k1lsc
LSC	POX	RF PD AIR	f1 Q-phase	K1:LSC-POX_PDA1_RF17_Q				1		k1lsc	k1lsc
LSC	POX	RF PD AIR	f2 I-phase	K1:LSC-POX_PDA1_RF45_I				1		k1lsc	k1lsc
LSC	POX	RF PD AIR	f2 Q-phase	K1:LSC-POX_PDA1_RF45_Q				1		k1lsc	k1lsc
LSC	POX	RF PD AIR	DC	K1:LSC-POX_PDA1_DC				0		k1lsc	k1lsc
LSC	POY	RF PD AIR	f1 I-phase	K1:LSC-POY_PDA1_RF17_I				1		k1lsc	k1lsc
LSC	POY	RF PD AIR	f1 Q-phase	K1:LSC-POY_PDA1_RF17_Q				1		k1lsc	k1lsc
LSC	POY	RF PD AIR	f2 I-phase	K1:LSC-POY_PDA1_RF45_I				1		k1lsc	k1lsc
LSC	POY	RF PD AIR	f2 Q-phase	K1:LSC-POY_PDA1_RF45_Q				1		k1lsc	k1lsc
LSC	POY	RF PD AIR	DC	K1:LSC-POY_PDA1_DC				0		k1lsc	k1lsc
LSC	POS	RF PD AIR	2*f1 I-phase	K1:LSC-POS_PDA1_RF34_I				1		k1lsc	k1lsc
LSC	POS	RF PD AIR	2*f1 Q-phase	K1:LSC-POS_PDA1_RF34_Q				1		k1lsc	k1lsc
LSC	POS	RF PD AIR	2*f2 I-phase	K1:LSC-POS_PDA1_R90_I				1		k1lsc	k1lsc
LSC	POS	RF PD AIR	2*f2 Q-phase	K1:LSC-POS_PDA1_RF90_Q				1		k1lsc	k1lsc
LSC	POS	RF PD AIR	DC	K1:LSC-POS_PDA1_DC				0		k1lsc	k1lsc
LSC	AS	RF PF VAC	f1 I-phase	K1:LSC-AS_PDV1_RF17_I				1		k1lsc	k1lsc
LSC	AS	RF PF VAC	f1 Q-phase	K1:LSC-AS_PDV1_RF17_Q				1		k1lsc	k1lsc
LSC	AS	RF PF VAC	DC	K1:LSC-AS_PDV1_DC				1		k1lsc	k1lsc
LSC	AS	RF PF AIR	f1 I-phase	K1:LSC-AS_PDA1_RF17_I				1		k1lsc	k1lsc
LSC	AS	RF PF AIR	f1 Q-phase	K1:LSC-AS_PDA1_RF17_Q				1		k1lsc	k1lsc
LSC	AS	RF PF AIR	DC	K1:LSC-AS_PDA1_DC				0		k1lsc	k1lsc

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
ASC	REFL	WFS VAC 1	f1 I-phase	K1:ASC-REFL_WFSV1_RF17_I1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_I2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_I3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_I4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1	f1 Q-phase	K1:ASC-REFL_WFSV1_RF17_Q1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_Q2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_Q3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF17_Q4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1	f2 I-phase	K1:ASC-REFL_WFSV1_RF45_I1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_I2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_I3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_I4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1	f2 Q-phase	K1:ASC-REFL_WFSV1_RF45_Q1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_Q2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_Q3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_RF45_Q4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 1	DC	K1:ASC-REFL_WFSV1_SEG1_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_SEG2_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_SEG3_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 1		K1:ASC-REFL_WFSV1_SEG4_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 2	f1 I-phase	K1:ASC-REFL_WFSV2_RF17_I1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_I2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_I3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_I4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2	f1 Q-phase	K1:ASC-REFL_WFSV2_RF17_Q1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_Q2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_Q3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF17_Q4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2	f2 I-phase	K1:ASC-REFL_WFSV2_RF45_I1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_I2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_I3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_I4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2	f2 Q-phase	K1:ASC-REFL_WFSV2_RF45_Q1				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_Q2				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_Q3				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_RF45_Q4				1		k1asc	k1asc1
ASC	REFL	WFS VAC 2	DC	K1:ASC-REFL_WFSV2_SEG1_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_SEG2_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_SEG3_DC				0		k1asc	k1asc1
ASC	REFL	WFS VAC 2		K1:ASC-REFL_WFSV2_SEG4_DC				0		k1asc	k1asc1
ASC	REFL	WFS AIR 1	f1 I-phase	K1:ASC-REFL_WFSA1_RF17_I1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_I2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_I3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_I4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1	f1 Q-phase	K1:ASC-REFL_WFSA1_RF17_Q1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_Q2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_Q3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF17_Q4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1	f2 I-phase	K1:ASC-REFL_WFSA1_RF45_I1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_I2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_I3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_I4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1	f2 Q-phase	K1:ASC-REFL_WFSA1_RF45_Q1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_Q2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_Q3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_RF45_Q4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1	DC	K1:ASC-REFL_WFSA1_SEG1_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_SEG2_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_SEG3_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 1		K1:ASC-REFL_WFSA1_SEG4_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2	f1 I-phase	K1:ASC-REFL_WFSA2_RF17_I1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_I2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_I3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_I4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2	f1 Q-phase	K1:ASC-REFL_WFSA2_RF17_Q1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_Q2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_Q3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF17_Q4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2	f2 I-phase	K1:ASC-REFL_WFSA2_RF45_I1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_I2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_I3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_I4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2	f2 Q-phase	K1:ASC-REFL_WFSA2_RF45_Q1				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_Q2				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_Q3				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_RF45_Q4				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2	DC	K1:ASC-REFL_WFSA2_SEG1_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_SEG2_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_SEG3_DC				1		k1asc	k1asc1
ASC	REFL	WFS AIR 2		K1:ASC-REFL_WFSA2_SEG4_DC				1		k1asc	k1asc1
										k1asc	k1asc1
ASC	POP	WFS VAC 1	f1 I-phase	K1:ASC-POP_WFSV1_RF17_I1				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_I2				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_I3				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_I4				1		k1asc	k1asc1
ASC	POP	WFS VAC 1	f1 Q-phase	K1:ASC-POP_WFSV1_RF17_Q1				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_Q2				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_Q3				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF17_Q4				1		k1asc	k1asc1
ASC	POP	WFS VAC 1	f2 I-phase	K1:ASC-POP_WFSV1_RF45_I1				1		k1asc	k1asc1

ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_I2				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_I3				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_I4				1		k1asc	k1asc1
ASC	POP	WFS VAC 1	f2 Q-phase	K1:ASC-POP_WFSV1_RF45_Q1				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_Q2				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_Q3				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_RF45_Q4				1		k1asc	k1asc1
ASC	POP	WFS VAC 1	DC	K1:ASC-POP_WFSV1_SEG1_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_SEG2_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_SEG3_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 1		K1:ASC-POP_WFSV1_SEG4_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 2	f1 I-phase	K1:ASC-POP_WFSV2_RF17_I1				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_I2				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_I3				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_I4				1		k1asc	k1asc1
ASC	POP	WFS VAC 2	f1 Q-phase	K1:ASC-POP_WFSV2_RF17_Q1				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_Q2				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_Q3				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF17_Q4				1		k1asc	k1asc1
ASC	POP	WFS VAC 2	f2 I-phase	K1:ASC-POP_WFSV2_RF45_I1				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_I2				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_I3				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_I4				1		k1asc	k1asc1
ASC	POP	WFS VAC 2	f2 Q-phase	K1:ASC-POP_WFSV2_RF45_Q1				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_Q2				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_Q3				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_RF45_Q4				1		k1asc	k1asc1
ASC	POP	WFS VAC 2	DC	K1:ASC-POP_WFSV2_SEG1_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_SEG2_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_SEG3_DC				1		k1asc	k1asc1
ASC	POP	WFS VAC 2		K1:ASC-POP_WFSV2_SEG4_DC				1		k1asc	k1asc1
										k1asc	k1asc1
ASC	AS	WFS VAC 1	f1 I-phase	K1:ASC-AS_WFSV1_RF17_I1				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_I2				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_I3				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_I4				1		k1asc	k1asc1
ASC	AS	WFS VAC 1	f1 Q-phase	K1:ASC-AS_WFSV1_RF17_Q1				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_Q2				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_Q3				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_RF17_Q4				1		k1asc	k1asc1
ASC	AS	WFS VAC 1	DC	K1:ASC-AS_WFSV1_SEG1_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_SEG2_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_SEG3_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 1		K1:ASC-AS_WFSV1_SEG4_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 2	f1 I-phase	K1:ASC-AS_WFSV2_RF17_I1				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_I2				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_I3				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_I4				1		k1asc	k1asc1
ASC	AS	WFS VAC 2	f1 Q-phase	K1:ASC-AS_WFSV2_RF17_Q1				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_Q2				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_Q3				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_RF17_Q4				1		k1asc	k1asc1
ASC	AS	WFS VAC 2	DC	K1:ASC-AS_WFSV2_SEG1_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_SEG2_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_SEG3_DC				1		k1asc	k1asc1
ASC	AS	WFS VAC 2		K1:ASC-AS_WFSV2_SEG4_DC				1		k1asc	k1asc1
ASC	AS	WFS AIR 1	f1 I-phase	K1:ASC-AS_WFSA1_RF17_I1				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_I2				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_I3				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_I4				1		k1asc	k1asc1
ASC	AS	WFS AIR 1	f1 Q-phase	K1:ASC-AS_WFSA1_RF17_Q1				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_Q2				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_Q3				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_RF17_Q4				1		k1asc	k1asc1
ASC	AS	WFS AIR 1	DC	K1:ASC-AS_WFSA1_SEG1_DC				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_SEG2_DC				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_SEG3_DC				1		k1asc	k1asc1
ASC	AS	WFS AIR 1		K1:ASC-AS_WFSA1_SEG4_DC				1		k1asc	k1asc1
ASC	AS	WFS AIR 2	f1 I-phase	K1:ASC-AS_WFSA2_RF17_I1				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_I2				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_I3				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_I4				1		k1asc	k1asc1
ASC	AS	WFS AIR 2	f1 Q-phase	K1:ASC-AS_WFSA2_RF17_Q1				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_Q2				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_Q3				1		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_RF17_Q4				1		k1asc	k1asc1
ASC	AS	WFS AIR 2	DC	K1:ASC-AS_WFSA2_SEG1_DC				0		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_SEG2_DC				0		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_SEG3_DC				0		k1asc	k1asc1
ASC	AS	WFS AIR 2		K1:ASC-AS_WFSA2_SEG4_DC				0		k1asc	k1asc1

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
OMC	OMCT	VAC PD	DC	K1:OMC-OMCT_PDV1_DC			0			k1omc	k1asc2
OMC	OMCT	AIR PD		K1:OMC-OMCT_PDA1_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD1		K1:OMC-OMCT_QPDV1_SEG1_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD1		K1:OMC-OMCT_QPDV1_SEG2_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD1		K1:OMC-OMCT_QPDV1_SEG3_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD1		K1:OMC-OMCT_QPDV1_SEG4_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD 2		K1:OMC-OMCT_QPDV2_SEG1_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD 2		K1:OMC-OMCT_QPDV2_SEG2_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD 2		K1:OMC-OMCT_QPDV2_SEG3_DC			0			k1omc	k1asc2
OMC	OMCT	VAC QPD 2		K1:OMC-OMCT_QPDV2_SEG4_DC			0			k1omc	k1asc2

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No OMCR?

Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
IMMT	IMMT1T	VAC PD	DC	K1:IMMT-IMMT1T_PDV1_DC				0		k1immt1	TBD
IMMT	IMMT2T	VAC PD	DC	K1:IMMT-IMMT2T_PDV1_DC				0		k1immt2	TBD
IMMT	IMMT2T	AIR PD	f1 I-phase	K1:IMMT-IMMT2T_PDA1_RF17_I				1		k1immt2	TBD
IMMT	IMMT2T	AIR PD	f1 Q-phase	K1:IMMT-IMMT2T_PDA1_RF17_Q				1		k1immt2	TBD
IMMT	IMMT2T	AIR PD	f2 I-phase	K1:IMMT-IMMT2T_PDA1_RF45_I				1		k1immt2	TBD
IMMT	IMMT2T	AIR PD	f2 Q-phase	K1:IMMT-IMMT2T_PDA1_RF45_Q				1		k1immt2	TBD
IMMT	IMMT2T	AIR PD	DC	K1:IMMT-IMMT2T_PDA1_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 1	DC	K1:IMMT-IMMT2T_QPDV1_SEG1_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 1	DC	K1:IMMT-IMMT2T_QPDV1_SEG2_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 1	DC	K1:IMMT-IMMT2T_QPDV1_SEG3_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 1	DC	K1:IMMT-IMMT2T_QPDV1_SEG4_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 2	DC	K1:IMMT-IMMT2T_QPDV2_SEG1_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 2	DC	K1:IMMT-IMMT2T_QPDV2_SEG2_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 2	DC	K1:IMMT-IMMT2T_QPDV2_SEG3_DC				0		k1immt2	TBD
IMMT	IMMT2T	VAC QPD 2	DC	K1:IMMT-IMMT2T_QPDV2_SEG4_DC				0		k1immt2	TBD

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
TRX	TRX	AIR PD	DC	K1:LSC-TRX_PDA1_DC				0		k1trx	k1trx
TRX	TRX	VAC QPD1	DC	K1:LSC-TRX_QPDV1_SEG1_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV1_SEG2_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV1_SEG3_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV1_SEG4_DC				0		k1trx	k1trx
TRX	TRX	VAC QPD2		K1:LSC-TRX_QPDV2_SEG1_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV2_SEG2_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV2_SEG3_DC				0		k1trx	k1trx
TRX	TRX			K1:LSC-TRX_QPDV2_SEG4_DC				0		k1trx	k1trx
GRX	TRX	AIR PD GR	DC, GREEN	K1:GRN-TRX_GR_PDA1_DC				0		k1grx	k1trx
GRX	TRX	VAC GR QPD 1	DC, GREEN	K1:GRN-TRX_GR_QPDV1_SEG1_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV1_SEG2_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV1_SEG3_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV1_SEG4_DC				0		k1grx	k1trx
GRX	TRX	VAC GR QPD 2		K1:GRN-TRX_GR_QPDV2_SEG1_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV2_SEG2_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV2_SEG3_DC				0		k1grx	k1trx
GRX	TRX			K1:GRN-TRX_GR_QPDV2_SEG4_DC				0		k1grx	k1trx

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
TRY	TRY	AIR PD	DC	K1:LSC-TRY_PDA1_DC				0		k1try	k1try
TRY	TRY	VAC QPD1	DC	K1:LSC-TRY_QPDV1_SEG1_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV1_SEG2_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV1_SEG3_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV1_SEG4_DC				0		k1try	k1try
TRY	TRY	VAC QPD2		K1:LSC-TRY_QPDV2_SEG1_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV2_SEG2_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV2_SEG3_DC				0		k1try	k1try
TRY	TRY			K1:LSC-TRY_QPDV2_SEG4_DC				0		k1try	k1try
GRY	TRY	AIR PD GR	DC, GREEN	K1:GRN-TRY_GR_PDA1_DC				0		k1gry	k1try
GRY	TRY	VAC GR QPD 1	DC, GREEN	K1:GRN-TRY_GR_QPDV1_SEG1_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV1_SEG2_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV1_SEG3_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV1_SEG4_DC				0		k1gry	k1try
GRY	TRY	VAC GR QPD 2		K1:GRN-TRY_GR_QPDV2_SEG1_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV2_SEG2_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV2_SEG3_DC				0		k1gry	k1try
GRY	TRY			K1:GRN-TRY_GR_QPDV2_SEG4_DC				0		k1gry	k1try

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Subsystem	Location	Instrument	Signal description	Ch. Name	Card No.	Ch	Whitening	ISC whitening	Dewhitening	RT model	RT PC name
GRN	POP	AIR PD GR	GRX f1 I-phase	K1:GRN-POP_PDA1_RF**_I				1		TBD	TBD
GRN	POP		GRX f1 Q-phase	K1:GRN-POP_PDA1_RF**_Q				1		TBD	TBD
GRN	POP		GRX DC	K1:GRN-POP_PDA1_DC				0		TBD	TBD
GRN	POP	BB PD for PLLX	PLLX BB	K1:GRN-PLLX_PDA1_BB				1		TBD	TBD
GRN	POP		PLLX DC	K1:GRN-PLLX_PDA1_DC				0		TBD	TBD
GRN	POS	AIR PD GR	GRY f1 I-phase	K1:GRN-POS_PDA1_RF**_I				1		TBD	TBD
GRN	POS		GRY f1 Q-phase	K1:GRN-POS_PDA1_RF**_Q				1		TBD	TBD
GRN	POS		GRY DC	K1:GRN-POS_PDA1_DC				0		TBD	TBD
GRN	POS	BB PD for PLLY	PLLY BB	K1:GRN-PLLY_PDA1_BB				1		TBD	TBD
GRN	POS		PLLY DC	K1:GRN-PLLY_PDA1_DC				0		TBD	TBD

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