

	DEBUG		CALIB				BEAM	
field 1:	CRC	VFE	HOLDSCAN	GAIN	MIPCALIB	SATURATIONSCAN	BEAMFIX	BEAMSCAN
field 2:	vcalib constant vcalib scan	calibmode+vcalib const. physicsmode+vcalib const. calibmode+vcalib scan physicsmode+vcalib scan intercalibration	calibmode physicsmode		cosmic μbeam brick		center edge corner	3x3 6x6 12x12 all

field 1	field 2	purpose	readin files		Stage	todo
			DAC	vcalib		
CRC	vcalib constant	CRC noise				collect CRC data
CRC	vcalib scan	ADC linearity check				collect CRC data & increase vcalib
VFE	calibmode+vcalib const.	VFE noise	X			
VFE	physicsmode+vcalib const.	VFE noise	X			
VFE	calibmode+vcalib scan	ASIC linearity check	X			collect VFE data & increase vcalib
VFE	physicsmode+vcalib scan	ASIC linearity check	X			collect VFE data & increase vcalib
VFE	intercalibration	electronic calibration		X		turn to fix LED light & collect data in calibmode and physicsmode
HOLDSCAN	calibmode	holdtime in calibmode	X	X		turn to fix LED light & increase holdtime
HOLDSCAN	physicsmode	holdtime in physicsmode	X	X		turn to fix LED light & increase holdtime
GAIN	gain	gain determination	X	X		calibmode and fix LED light
CALIB	cosmic	MIP calibration	X			physicsmode; external trigger
CALIB	μbeam	MIP calibration	X			physicsmode; external trigger
CALIB	brick	MIP calibration	X			physicsmode; external trigger
SATURATIONSCAN		SiPM monitoring	X	X		calibmode and fix low LED light; intercalibration; physicsmode & vcalib scan
BEAMFIX	center	beam data at one fixed position	X	X	X	physicsmode; external trigger
BEAMFIX	edge	beam data at one fixed position	X	X	X	physicsmode; external trigger
BEAMFIX	corner	beam data at one fixed position	X	X	X	physicsmode; external trigger
BEAMFIX	3x3	beam data for one tile type	X	X	X	physicsmode; external trigger
BEAMFIX	6x6	beam data for one tile type	X	X	X	physicsmode; external trigger
BEAMFIX	12x12	beam data for one tile type	X	X	X	physicsmode; external trigger
BEAMFIX	all	beam data for one tile type	X	X	X	physicsmode; external trigger