FLASH2 PhotDiag stream

(status Aug 2019)

[0] DOOCS prop :TTF2.DAQ/PBD2.DISTRIBUTOR/DAQ.STREAM.2/EVB.EVENTS
DAQ channel:TTF2.DAQ/PBD2.DISTRIBUTOR/DAQ.STREAM.2/EVB.EVENTS
desc :Not set
units :Not set
[1] DOOCS prop :TTF2.DAQ/PBD2.DISTRIBUTOR/DAQ.STREAM.2/EVB.EV.MASK
DAQ channel:TTF2.DAQ/PBD2.DISTRIBUTOR/DAQ.STREAM.2/EVB.EV.MASK
desc :Not set
units :Not set
[2] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE14/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE14/GAP
desc :Middle distance between the magnet carriers
units :
[3] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE13/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE13/GAP
desc :Middle distance between the magnet carriers
units :
[4] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE12/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE12/GAP
desc :Middle distance between the magnet carriers
units :
[5] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE11/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE11/GAP
desc :Middle distance between the magnet carriers
units :
[6] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE10/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE10/GAP
desc :Middle distance between the magnet carriers
units :
[7] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE9/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE9/GAP
desc :Middle distance between the magnet carriers
units :
[8] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE8/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE8/GAP
desc :Middle distance between the magnet carriers
units :
[9] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE7/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE7/GAP
desc :Middle distance between the magnet carriers
units :
[10] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE6/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE6/GAP
desc :Middle distance between the magnet carriers
units :
[11] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE5/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE5/GAP
desc :Middle distance between the magnet carriers
units :
[12] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE4/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE4/GAP
desc :Middle distance between the magnet carriers
units :
[13] DOOCS prop :FLASH.UTIL/FL2.UND.MOTOR/FL2SASE3/GAP
DAQ channel:FLASH.UTIL/FL2.UND.MOTOR/FL2SASE3/GAP
desc :Middle distance between the magnet carriers
units :
[14] DOOCS prop :FLASH.UTIL/STORE/FL2.FLOATS/VAL.60
DAQ channel:FLASH.UTIL/STORE/FL2.FLOATS/VAL.60
desc :Bunch position for single bunch online wavelength monitoring
units :Not set
[15] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL310
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL310
desc :Number of online monitoring iterations between condition checks
units :Not set
[16] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL307
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL307
desc :HV warning and error status register for retarding segments eTOF4
units :Not set
[17] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL306
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL306
desc :HV warning and error status register for retarding segments eTOF3
units :Not set
[18] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL305
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL305
desc :HV warning and error status register for retarding segments eTOF2
units :Not set
[19] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL304
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL304

desc :HV warning and error status register for retarding segments eTOF1
units :Not set
[20] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL297
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL297
desc :HV warning and error status register for MCP detector eTOF4
units :Not set
[21] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL296
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL296
desc :HV warning and error status register for MCP detector eTOF3
units :Not set
[22] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL295
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL295
desc :HV warning and error status register for MCP detector eTOF2
units :Not set
[23] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL294
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL294
desc :HV warning and error status register for MCP detector eTOF1
units :Not set
[24] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL238
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL238
desc :General warning status register for eTOF4
units :Not set
[25] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL237
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL237
desc :General error status register for eTOF4
units :Not set
[26] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL236
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL236
desc :General warning status register for eTOF3
units :Not set
[27] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL235
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL235
desc :General error status register for eTOF3
units :Not set
[28] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL234
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL234
desc :General warning status register for eTOF2
units :Not set
[29] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL233
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL233
desc :General error status register for eTOF2
units :Not set
[30] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL232
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL232
desc :General warning status register for eTOF1
units :Not set
[31] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL231
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL231
desc :General error status register for eTOF1
units :Not set
[32] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL230
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL230
desc :Flag indicating whether various check routines are active (HV, pressure, signal)
units :Not set
[33] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL254
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL254
desc :nominal retardation setting eTOF4
units :Not set
[34] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL253
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL253
desc :nominal retardation setting eTOF3
units :Not set
[35] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL252
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL252
desc :nominal retardation setting eTOF2
units :Not set
[36] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL251
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL251
desc :nominal retardation setting eTOF1
units :Not set
[37] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL220
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL220
desc :Flag indicating whether fixed prompt positions have been used in wavlength analysis
units :Not set
[38] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL146
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL146
desc :timing position of the prompt signal in the tof spectrum of eTOF4
units :Not set
[39] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL144
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL144
desc :timing position of the prompt signal in the tof spectrum of eTOF3
units :Not set
[40] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL142
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL142
desc :timing position of the prompt signal in the tof spectrum of eTOF2

units :Not set
[41] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL140
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL140
desc :timing position of the prompt signal in the tof spectrum of eTOF1
units :Not set
[42] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL138
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL138
desc :timing position of photelectron feature5 in the tof spectrum of eTOF4
units :Not set
[43] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL136
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL136
desc :timing position of photelectron feature4 in the tof spectrum of eTOF4
units :Not set
[44] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL134
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL134
desc :timing position of photelectron feature3 in the tof spectrum of eTOF4
units :Not set
[45] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL132
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL132
desc :timing position of photelectron feature2 in the tof spectrum of eTOF4
units :Not set
[46] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL130
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL130
desc :timing position of photelectron feature1 in the tof spectrum of eTOF4
units :Not set
[47] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL128
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL128
desc :timing position of photelectron feature5 in the tof spectrum of eTOF3
units :Not set
[48] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL126
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL126
desc :timing position of photelectron feature4 in the tof spectrum of eTOF3
units :Not set
[49] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL124
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL124
desc :timing position of photelectron feature3 in the tof spectrum of eTOF3
units :Not set
[50] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL122
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL122
desc :timing position of photelectron feature2 in the tof spectrum of eTOF3
units :Not set
[51] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL120
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL120
desc :timing position of photelectron feature1 in the tof spectrum of eTOF3
units :Not set
[52] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL118
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL118
desc :timing position of photelectron feature5 in the tof spectrum of eTOF2
units :Not set
[53] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL116
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL116
desc :timing position of photelectron feature4 in the tof spectrum of eTOF2
units :Not set
[54] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL114
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL114
desc :timing position of photelectron feature3 in the tof spectrum of eTOF2
units :Not set
[55] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL112
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL112
desc :timing position of photelectron feature2 in the tof spectrum of eTOF2
units :Not set
[56] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL110
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL110
desc :timing position of photelectron feature1 in the tof spectrum of eTOF2
units :Not set
[57] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL108
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL108
desc :timing position of photelectron feature5 in the tof spectrum of eTOF1
units :Not set
[58] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL106
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL106
desc :timing position of photelectron feature4 in the tof spectrum of eTOF1
units :Not set
[59] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL104
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL104
desc :timing position of photelectron feature3 in the tof spectrum of eTOF1
units :Not set
[60] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL102
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL102
desc :timing position of photelectron feature2 in the tof spectrum of eTOF1
units :Not set
[61] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL100
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL100
desc :timing position of photelectron feature1 in the tof spectrum of eTOF1
units :Not set

[62] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL038
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL038
desc :wavelength value calculated from photoelectron feature5 in eTOF4
units :Not set
[63] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL036
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL036
desc :wavelength value calculated from photoelectron feature4 in eTOF4
units :Not set
[64] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL034
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL034
desc :wavelength value calculated from photoelectron feature3 in eTOF4
units :Not set
[65] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL028
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL028
desc :wavelength value calculated from photoelectron feature5 in eTOF3
units :Not set
[66] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL026
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL026
desc :wavelength value calculated from photoelectron feature4 in eTOF3
units :Not set
[67] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL024
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL024
desc :wavelength value calculated from photoelectron feature3 in eTOF3
units :Not set
[68] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL018
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL018
desc :wavelength value calculated from photoelectron feature5 in eTOF2
units :Not set
[69] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL016
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL016
desc :wavelength value calculated from photoelectron feature4 in eTOF2
units :Not set
[70] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL014
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL014
desc :wavelength value calculated from photoelectron feature3 in eTOF2
units :Not set
[71] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL008
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL008
desc :wavelength value calculated from photoelectron feature5 in eTOF1
units :Not set
[72] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL006
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL006
desc :wavelength value calculated from photoelectron feature4 in eTOF1
units :Not set
[73] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL004
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL004
desc :wavelength value calculated from photoelectron feature3 in eTOF1
units :Not set
[74] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL032
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL032
desc :wavelength value calculated from photoelectron feature2 in eTOF4
units :Not set
[75] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL030
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL030
desc :wavelength value calculated from photoelectron feature1 in eTOF4
units :Not set
[76] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL022
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL022
desc :wavelength value calculated from photoelectron feature2 in eTOF3
units :Not set
[77] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL020
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL020
desc :wavelength value calculated from photoelectron feature1 in eTOF3
units :Not set
[78] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL012
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL012
desc :wavelength value calculated from photoelectron feature2 in eTOF2
units :Not set
[79] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL010
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL010
desc :wavelength value calculated from photoelectron feature1 in eTOF2
units :Not set
[80] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL002
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL002
desc :wavelength value calculated from photoelectron feature2 in eTOF1
units :Not set
[81] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL000
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL000
desc :wavelength value calculated from photoelectron feature1 in eTOF1
units :Not set
[82] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL202
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL202
desc :hv for IDL PE-Feature ROI setting; compensation
units :Not set
[83] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL201

DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL201
desc :number of single-shot spectra averaged for online wavelength monitoring
units :Not set
[84] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL200
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL200
desc :OPIS analysis run control (processing data or not)
units :Not set
[85] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL049
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL049
desc :Y-Position of beam
units :Not set
[86] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL048
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL048
desc :X-Position of beam
units :Not set
[87] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL042
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL042
desc :Mean photon energy
units :Not set
[88] DOOCS prop :FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL040
DAQ channel:FLASH.UTIL/STORE/FL2.TUNNEL.OPIS/VAL040
desc :Mean wavelength
units :Not set
[89] DOOCS prop :FLASH.FEL/FL24.MOTOR/MOTOR8.MOT3/FPOS
DAQ channel:FLASH.FEL/FL24.MOTOR/MOTOR8.MOT3/FPOS
desc : KAOS premirror vertical
units :Not set
[90] DOOCS prop :FLASH.FEL/FL24.MOTOR/MOTOR4.MOT1/FPOS
DAQ channel:FLASH.FEL/FL24.MOTOR/MOTOR4.MOT1/FPOS
desc :Aperture 6 horizontal
units :Not set
[91] DOOCS prop :FLASH.FEL/FL24.MOTOR/MOTOR3.MOT1/FPOS
DAQ channel:FLASH.FEL/FL24.MOTOR/MOTOR3.MOT1/FPOS
desc :Aperture 6 vertical
units :Not set
[92] DOOCS prop :FLASH.FEL/FL24.MOTOR/MOTOR2.MOT1/FPOS
DAQ channel:FLASH.FEL/FL24.MOTOR/MOTOR2.MOT1/FPOS
desc :Aperture 5 horizontal
units :Not set
[93] DOOCS prop :FLASH.FEL/FL24.MOTOR/MOTOR1.MOT1/FPOS
DAQ channel:FLASH.FEL/FL24.MOTOR/MOTOR1.MOT1/FPOS
desc :Aperture 5 vertical
units :Not set
[94] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR4.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR4.MOT3/FPOS
desc :Switching mirror FL20M3 vertical
units :Not set
[95] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR3.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR3.MOT3/FPOS
desc :Switching mirror FL20M3 horizontal
units :Not set
[96] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT3/FPOS
desc :Filter wheel 2
units :Not set
[97] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT3/FPOS
desc :Filter wheel 1
units :Not set
[98] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR5.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR5.MOT3/FPOS
desc :Switching mirror FL20M3 rotation
units :Not set
[99] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT2/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT2/FPOS
desc :Aperture4 horizontal
units :Not set
[100] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT2/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT2/FPOS
desc :Aperture4 vertical
units :Not set
[101] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT1/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR2.MOT1/FPOS
desc :Aperture3 vertical
units :Not set
[102] DOOCS prop :FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT1/FPOS
DAQ channel:FLASH.FEL/FL20H.PH.MOTOR/MOTOR1.MOT1/FPOS
desc :Aperture3 horizontal
units :Not set
[103] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.RIGHT/RANGE.CODE
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.RIGHT/RANGE.CODE
desc :Range setting
units :enum
[104] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.RIGHT/OUTPUT
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.RIGHT/OUTPUT

desc :Messured current
units :A
[105] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.LEFT/RANGE.CODE
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.LEFT/RANGE.CODE
desc :Range setting
units :enum
[106] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.LEFT/OUTPUT
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.LEFT/OUTPUT
desc :Messured current
units :A
[107] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH05
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH05
desc :Computed value (raw * amp)
units :A
[108] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH04
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH04
desc :Computed value (raw * amp)
units :A
[109] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH03
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH03
desc :Computed value (raw * amp)
units :A
[110] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH02
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH02
desc :Computed value (raw * amp)
units :A
[111] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH01
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.K2700/CH01
desc :Computed value (raw * amp)
units :A
[112] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.RIGHT/OUTPUT
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.RIGHT/OUTPUT
desc :Messured current
units :A
[113] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.RIGHT/RANGE.CODE
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.RIGHT/RANGE.CODE
desc :Range code of the Keithly pico ampere meter
units :enum
[114] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.LEFT/OUTPUT
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.LEFT/OUTPUT
desc :Messured current
units :A
[115] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.LEFT/RANGE.CODE
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.TUNNEL.LEFT/RANGE.CODE
desc :Range code of the Keithly pico ampere meter
units :enum
[116] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH05
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH05
desc :Computed value (raw * amp)
units :A
[117] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH04
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH04
desc :Computed value (raw * amp)
units :A
[118] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH03
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH03
desc :Computed value (raw * amp)
units :A
[119] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH02
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH02
desc :Computed value (raw * amp)
units :A
[120] DOOCS prop :FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH01
DAQ channel:FLASH.FEL/XGM.CURRENT/FL2.HALL.K2700/CH01
desc :Computed value (raw * amp)
units :A
[121] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/ROTORSPEED
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/ROTORSPEED
desc :Rotor speed
units :Hz
[122] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/RD.SLOPE
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/RD.SLOPE
desc :Not set
units :Not set
[123] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/RD
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/RD
desc :Not set
units :Not set
[124] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/PRESS
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/PRESS
desc :Computed pressure
units :mbar
[125] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/GASID.RAWCALC
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/GASID.RAWCALC
desc :Used gas type for calculation

units :enum
[126] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/DCR
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.HALL.SRG/DCR
desc :Raw pressure reading
units :1/s
[127] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/GASID.RAWCALC
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/GASID.RAWCALC
desc :Gasid for the pressure calculation
units :enum
[128] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/RD.SLOPE
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/RD.SLOPE
desc :Slope for computing the offset value
units :Not set
[129] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/RD
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/RD
desc :Offset for computing the offset value
units :Not set
[130] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/ROTORSPEED
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/ROTORSPEED
desc :Raw pressure reading
units :Hz
[131] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/DCR
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/DCR
desc :Raw pressure reading
units :1/s
[132] DOOCS prop :FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/PRESS
DAQ channel:FLASH.FEL/XGM.PRESSURE/FL2.TUNNEL.SRG/PRESS
desc :Computed pressure
units :mbar
[133] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/VAP.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/VAP.INT
desc :O2 Valve needle position
units :Not set
[134] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/GASID
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/GASID
desc :O2 Value from gas supply (COMPAT.ID)
units :Not set
[135] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/PRS.NUM
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/PRS.NUM
desc :O2 Read set pressure (float)
units :Not set
[136] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/PRI.NUM
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/PRI.NUM
desc :O2 Actual Pressure (float)
units :Not set
[137] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DOT.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DOT.INT
desc :O2 Digital Outputs
units :Not set
[138] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DOT.BIT5
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DOT.BIT5
desc :O2 Error flag
units :Not set
[139] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DIN.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DIN.INT
desc :O2 Digital Inputs
units :Not set
[140] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DIN.BIT2
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/DIN.BIT2
desc :O2 external close
units :Not set
[141] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/BIT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS2/BIT
desc :O2 Valve status
units :Not set
[142] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/VAP.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/VAP.INT
desc :O1 Valve needle position
units :Not set
[143] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/GASID
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/GASID
desc :O1 Value from gas supply (COMPAT.ID)
units :Not set
[144] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/PRS.NUM
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/PRS.NUM
desc :O1 Read set pressure (float)
units :Not set
[145] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/PRI.NUM
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/PRI.NUM
desc :O1 Actual Pressure (float)
units :Not set
[146] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DOT.BIT5
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DOT.BIT5
desc :O1 Error flag
units :Not set

[147] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DOT.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DOT.INT
desc :O1 Digital Outputs
units :Not set
[148] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DIN.BIT2
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DIN.BIT2
desc :O1 external close
units :Not set
[149] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DIN.INT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/DIN.INT
desc :O1 Digital Inputs
units :Not set
[150] DOOCS prop :FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/BIT
DAQ channel:FLASH.FEL/XGM.GAS_DOSING/FL2.TUNNEL.OPIS1/BIT
desc :O1 Valve status
units :Not set
[151] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W.STATE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W.STATE
desc :Warning and error states
units :Not set
[152] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W.SIGMA
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W.SIGMA
desc :Error of calculated slow beam energy
units :W
[153] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.W
desc :Calculated slow beam energy in W
units :W
[154] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.UJ.SIGMA
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.UJ.SIGMA
desc :Error of calculated slow pulse energy
units :uJ
[155] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/WAVELENGTH.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/WAVELENGTH.USED
desc :Wavelength used
units :nm
[156] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/TEMPERTURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/TEMPERTURE
desc :Temperature of chamber
units :deg C
[157] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/ROUGH.PRESSURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/ROUGH.PRESSURE
desc :XGMD pressure measured with the rough pressure gauge
units :mbar
[158] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PRESSURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PRESSURE
desc : Reading from SRG
units :mbar
[159] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.UJ
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.UJ
desc :Calculated slow pulse energy in uJ
units :uJ
[160] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.CONVERSION
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/PHOTONFLUX.CONVERSION
desc :Conversion factor (Charge/Joule)
units :C/J
[161] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/NUMBEROFBUNCHES.FILTERED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/NUMBEROFBUNCHES.FILTERED
desc :Number of bunches used
units :Not set
[162] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GMD.ERROR
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GMD.ERROR
desc :Error flags
units :Not set
[163] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GASTYPE.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GASTYPE.USED
desc :Gas Used for calculation
units :enum
[164] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GAMMA.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GAMMA.USED
desc :Mean charge used
units :Not set
[165] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GAMMA.INTERPOLATED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/GAMMA.INTERPOLATED
desc :Table gamma value for the gas used in the Hall-GMD
units :Not set
[166] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.SUM
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.SUM
desc :Sum of offset corrected left and right ion current
units :A
[167] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.RIGHT.REAL
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.RIGHT.REAL
desc :Current measured by the XGMD
units :A
[168] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.LEFT.REAL

DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CURRENT.LEFT.REAL
desc :Current measured by the XGMD
units :A
[169] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CROSS.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CROSS.USED
desc :Cross section used
units :Mb
[170] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CROSS.INTERPOLATED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.HALL/CROSS.INTERPOLATED
desc :Not set
units :Not set
[171] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W.STATE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W.STATE
desc :Warning and error states
units :Not set
[172] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W.SIGMA
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W.SIGMA
desc :Error of calculated slow beam energy
units :W
[173] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.W
desc :Calculated slow beam energy in W
units :W
[174] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.UJ.SIGMA
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.UJ.SIGMA
desc :Error of calculated slow pulse energy
units :uJ
[175] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.SUM
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.SUM
desc :Sum of offset corrected left and right ion current
units :A
[176] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GMD.ERROR
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GMD.ERROR
desc :Error flags
units :bits
[177] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PRESSURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PRESSURE
desc :Reading from SRG
units :mbar
[178] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.CONVERSION
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.CONVERSION
desc :Conversion factor (Charge/Joule)
units :C/J
[179] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/TEMPERTURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/TEMPERTURE
desc :Temperature of chamber
units :deg C
[180] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/ROUGH.PRESSURE
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/ROUGH.PRESSURE
desc :XGMD pressure measured with the rough pressure gauge
units :mbar
[181] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.RIGHT.REAL
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.RIGHT.REAL
desc :Current measured by the XGMD
units :A
[182] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.LEFT.REAL
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CURRENT.LEFT.REAL
desc :Current measured by the XGMD
units :A
[183] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.UJ
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/PHOTONFLUX.UJ
desc :Calculated slow pulse energy in uJ
units :uJ
[184] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/WAVELENGTH.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/WAVELENGTH.USED
desc :Wavelength used
units :nm
[185] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/NUMBEROFBUNCHES.FILTERED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/NUMBEROFBUNCHES.FILTERED
desc :Number of bunches used
units :Not set
[186] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GAMMA.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GAMMA.USED
desc :Mean charge used
units :Not set
[187] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GAMMA.INTERPOLATED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GAMMA.INTERPOLATED
desc :Table gamma value for the gas used in the Tunnel-GMD
units :Not set
[188] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CROSS.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CROSS.USED
desc :Cross section used
units :Mb
[189] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CROSS.INTERPOLATED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/CROSS.INTERPOLATED

desc :Not set
units :Not set
[190] DOOCS prop :FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GASTYPE.USED
DAQ channel:FLASH.FEL/XGM.PHOTONFLUX/FL2.TUNNEL/GASTYPE.USED
desc :Gas Used for calculation
units :enum
[191] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.HALL.XGMD/GAS.TYPE.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.HALL.XGMD/GAS.TYPE.ID
desc :Gas type id, see name for match
units :enum
[192] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.HALL.XGMD/GAS.COMPAT.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.HALL.XGMD/GAS.COMPAT.ID
desc :Id mapping for older servers
units :enum
[193] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.XGMD/GAS.TYPE.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.XGMD/GAS.TYPE.ID
desc :Gas type id, see name for match
units :enum
[194] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.XGMD/GAS.COMPAT.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.XGMD/GAS.COMPAT.ID
desc :Id mapping for older servers
units :enum
[195] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.OPIS/GAS.COMPAT.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.OPIS/GAS.COMPAT.ID
desc :The gas type ID as backward compatible value
units :Not set
[196] DOOCS prop :FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.OPIS/GAS.TYPE.ID
DAQ channel:FLASH.FEL/XGM.GAS_SUPPLY/FL2.TUNNEL.OPIS/GAS.TYPE.ID
desc :The gas type ID as integer value
units :Not set
[197] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR4.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR4.MOT3/FPOS
desc :SPK2 roll
units :Not set
[198] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR3.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR3.MOT3/FPOS
desc :SPK2 rotation
units :Not set
[199] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT3/FPOS
desc :Aperture SPK2 horizontal position
units :Not set
[200] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT3/FPOS
desc :Mirror2 vertical position
units :Not set
[201] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR8.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR8.MOT3/FPOS
desc :Aperture SPK1 roll
units :Not set
[202] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR7.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR7.MOT3/FPOS
desc :Aperture SPK1 rotation
units :Not set
[203] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR6.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR6.MOT3/FPOS
desc :Aperture SPK1 horizontal position
units :Not set
[204] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR5.MOT3/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR5.MOT3/FPOS
desc :Aperture SPK1 vertical position
units :Not set
[205] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT2/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT2/FPOS
desc :Aperture 2 horizontal position
units :Not set
[206] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT2/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT2/FPOS
desc :Aperture 2 vertical position
units :Not set
[207] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT1/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR2.MOT1/FPOS
desc :Aperture 1 vertical position
units :Not set
[208] DOOCS prop :FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT1/FPOS
DAQ channel:FLASH.FEL/FL20T.PH.MOTOR/MOTOR1.MOT1/FPOS
desc :Aperture 1 horizontal position
units :Not set
[209] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.CALC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.CALC
desc :Not set
units :Not set
[210] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.RAW_COPY
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.RAW_COPY
desc :Not set

units :Not set
[211] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.INCR_LOGIC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH03/CH00.INCR_LOGIC
desc :Not set
units :Not set
[212] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH03/SAMPLE_FREQ
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH03/SAMPLE_FREQ
desc :Not set
units :Not set
[213] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.CALC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.CALC
desc :Not set
units :Not set
[214] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.RAW_COPY
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.RAW_COPY
desc :Not set
units :Not set
[215] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.INCR_LOGIC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH02/CH00.INCR_LOGIC
desc :Not set
units :Not set
[216] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH02/SAMPLE_FREQ
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH02/SAMPLE_FREQ
desc :Not set
units :Not set
[217] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH01/SAMPLE_FREQ
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH01/SAMPLE_FREQ
desc :Not set
units :Not set
[218] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.INCR_LOGIC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.INCR_LOGIC
desc :Not set
units :Not set
[219] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.RAW_COPY
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.RAW_COPY
desc :Not set
units :Not set
[220] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.CALC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH01/CH00.CALC
desc :Not set
units :Not set
[221] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH00/SAMPLE_FREQ
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH00/SAMPLE_FREQ
desc :of the locale data
units :Not set
[222] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.INCR_LOGIC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.INCR_LOGIC
desc :to reduce samples
units :Not set
[223] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.RAW_COPY
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.RAW_COPY
desc :1: to send raw data
units :Not set
[224] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.CALC
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH00/CH00.CALC
desc : result of calculator
units :Not set
[225] DOOCS prop :FLASH.FEL/TIMER/EXP1/RTM.TRG6.DELAY
DAQ channel:FLASH.FEL/TIMER/EXP1/RTM.TRG6.DELAY
desc :RTM backplane trigger 5 RW
units :Not set
[226] DOOCS prop :FLASH.FEL/TIMER/EXP1/BACK.TRG5.DELAY
DAQ channel:FLASH.FEL/TIMER/EXP1/BACK.TRG5.DELAY
desc :backplane trigger 5 RW
units :Not set
[227] DOOCS prop :FLASH.FEL/TIMER/EXP1/BACK.TRG3.DELAY
DAQ channel:FLASH.FEL/TIMER/EXP1/BACK.TRG3.DELAY
desc :backplane trigger 3 RW
units :Not set
[228] DOOCS prop :FLASH.FEL/TIMER/EXP2/BACK.TRG5.DELAY
DAQ channel:FLASH.FEL/TIMER/EXP2/BACK.TRG5.DELAY
desc :Not set
units :Not set
[229] DOOCS prop :FLASH.FEL/TIMER/EXP2/BACK.TRG3.DELAY
DAQ channel:FLASH.FEL/TIMER/EXP2/BACK.TRG3.DELAY
desc :Not set
units :Not set
[230] DOOCS prop :FLASH.FEL/TIMER/F2OPIS1/BACK.TRG5.DELAY
DAQ channel:FLASH.FEL/TIMER/F2OPIS1/BACK.TRG5.DELAY
desc :Not set
units :Not set
[231] DOOCS prop :FLASH.FEL/TIMER/F2OPIS1/BACK.TRG3.DELAY
DAQ channel:FLASH.FEL/TIMER/F2OPIS1/BACK.TRG3.DELAY
desc :Not set
units :Not set

[232] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.1/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.1/SAMPLE_FREQ
desc :Not set
units :Not set
[233] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.1/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.1/SAMPLES
desc :Not set
units :Not set
[234] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.1/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.1/OFFSET
desc :Not set
units :Not set
[235] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.0/SAMPLE_FREQ
desc :Not set
units :Not set
[236] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.0/SAMPLES
desc :Not set
units :Not set
[237] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD2.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD2.0/OFFSET
desc :Not set
units :Not set
[238] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.1/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.1/SAMPLE_FREQ
desc :Not set
units :Not set
[239] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.1/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.1/SAMPLES
desc :Not set
units :Not set
[240] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.1/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.1/OFFSET
desc :Not set
units :Not set
[241] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.0/SAMPLE_FREQ
desc :Not set
units :Not set
[242] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.0/SAMPLES
desc :Not set
units :Not set
[243] DOOCS prop :FLASH.FEL/SPDEVDMA/XGMD1.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/XGMD1.0/OFFSET
desc :Not set
units :Not set
[244] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.4/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.4/SAMPLE_FREQ
desc :Not set
units :Not set
[245] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.4/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.4/SAMPLES
desc :Not set
units :Not set
[246] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.4/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.4/OFFSET
desc :Not set
units :Not set
[247] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.3/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.3/SAMPLE_FREQ
desc :Not set
units :Not set
[248] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.3/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.3/SAMPLES
desc :Not set
units :Not set
[249] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.3/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.3/OFFSET
desc :Not set
units :Not set
[250] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.2/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.2/SAMPLE_FREQ
desc :Not set
units :Not set
[251] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.2/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.2/SAMPLES
desc :Not set
units :Not set
[252] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.2/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.2/OFFSET
desc :Not set
units :Not set
[253] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.1/SAMPLE_FREQ

DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.1/SAMPLE_FREQ
desc :Not set
units :Not set
[254] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.1/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.1/SAMPLES
desc :Not set
units :Not set
[255] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.1/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.1/OFFSET
desc :Not set
units :Not set
[256] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.0/SAMPLE_FREQ
desc :Not set
units :Not set
[257] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.0/SAMPLES
desc :Not set
units :Not set
[258] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS2.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS2.0/OFFSET
desc :Not set
units :Not set
[259] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.4/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.4/SAMPLE_FREQ
desc :Not set
units :Not set
[260] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.4/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.4/SAMPLES
desc :Not set
units :Not set
[261] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.4/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.4/OFFSET
desc :Not set
units :Not set
[262] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.3/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.3/SAMPLE_FREQ
desc :Not set
units :Not set
[263] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.3/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.3/SAMPLES
desc :Not set
units :Not set
[264] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.3/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.3/OFFSET
desc :Not set
units :Not set
[265] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.2/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.2/SAMPLE_FREQ
desc :Not set
units :Not set
[266] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.2/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.2/SAMPLES
desc :Not set
units :Not set
[267] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.2/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.2/OFFSET
desc :Not set
units :Not set
[268] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.1/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.1/SAMPLE_FREQ
desc :Not set
units :Not set
[269] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.1/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.1/SAMPLES
desc :Not set
units :Not set
[270] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.1/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.1/OFFSET
desc :Not set
units :Not set
[271] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.0/SAMPLE_FREQ
desc :Not set
units :Not set
[272] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.0/SAMPLES
desc :Not set
units :Not set
[273] DOOCS prop :FLASH.FEL/SPDEVDMA/OPIS1.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/OPIS1.0/OFFSET
desc :Not set
units :Not set
[274] DOOCS prop :FLASH.FEL/SPDEVDMA/FL2EXP1.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/FL2EXP1.0/SAMPLE_FREQ

desc :Not set
units :Not set
[275] DOOCS prop :FLASH.FEL/SPDEVDMA/FL2EXP1.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/FL2EXP1.0/SAMPLES
desc :Not set
units :Not set
[276] DOOCS prop :FLASH.FEL/SPDEVDMA/FL2EXP1.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/FL2EXP1.0/OFFSET
desc :Not set
units :Not set
[277] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP1.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/EXP1.0/OFFSET
desc :Not set
units :Not set
[278] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP1.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/EXP1.0/SAMPLES
desc :# of samples per ADC
units :Not set
[279] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP1.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/EXP1.0/SAMPLE_FREQ
desc :of the locale data
units :Not set
[280] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP2.0/SAMPLE_FREQ
DAQ channel:FLASH.FEL/SPDEVDMA/EXP2.0/SAMPLE_FREQ
desc :Not set
units :Not set
[281] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP2.0/SAMPLES
DAQ channel:FLASH.FEL/SPDEVDMA/EXP2.0/SAMPLES
desc :Not set
units :Not set
[282] DOOCS prop :FLASH.FEL/SPDEVDMA/EXP2.0/OFFSET
DAQ channel:FLASH.FEL/SPDEVDMA/EXP2.0/OFFSET
desc :Not set
units :Not set
[283] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH15.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH15.VOLT.SET
desc :voltage set-value for retarding segment3 eTOF4
units :V
[284] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH14.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH14.VOLT.SET
desc :voltage set-value for retarding segment2 eTOF4
units :V
[285] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH13.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH13.VOLT.SET
desc :voltage set-value for retarding segment1 eTOF4
units :V
[286] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH12.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH12.VOLT.SET
desc :voltage set-value for retarding segment3 eTOF3
units :V
[287] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH11.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH11.VOLT.SET
desc :voltage set-value for retarding segment2 eTOF3
units :V
[288] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH10.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH10.VOLT.SET
desc :voltage set-value for retarding segment1 eTOF3
units :V
[289] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH09.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH09.VOLT.SET
desc :voltage set-value for retarding segment3 eTOF2
units :V
[290] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH08.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH08.VOLT.SET
desc :voltage set-value for retarding segment2 eTOF2
units :V
[291] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH07.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH07.VOLT.SET
desc :voltage set-value for retarding segment1 eTOF2
units :V
[292] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH06.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH06.VOLT.SET
desc :voltage set-value for retarding segment3 eTOF1
units :V
[293] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH05.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH05.VOLT.SET
desc :voltage set-value for retarding segment2 eTOF1
units :V
[294] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH04.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH04.VOLT.SET
desc :voltage set-value for retarding segment1 eTOF1
units :V
[295] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH15.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH15.VOLT.READBACK
desc :voltage readback-value for retarding segment3 eTOF4

units :V
[296] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH14.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH14.VOLT.READBACK
desc :Retarding voltage 2 for eTOF4
units :V
[297] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH13.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH13.VOLT.READBACK
desc :voltage readback-value for retarding segment2 eTOF4
units :V
[298] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH12.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH12.VOLT.READBACK
desc :voltage readback-value for retarding segment3 eTOF3
units :V
[299] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH11.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH11.VOLT.READBACK
desc :voltage readback-value for retarding segment2 eTOF3
units :V
[300] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH10.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH10.VOLT.READBACK
desc :voltage readback-value for retarding segment1 eTOF3
units :V
[301] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH09.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH09.VOLT.READBACK
desc :voltage readback-value for retarding segment3 eTOF2
units :V
[302] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH08.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH08.VOLT.READBACK
desc :voltage readback-value for retarding segment2 eTOF2
units :V
[303] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH07.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH07.VOLT.READBACK
desc :voltage readback-value for retarding segment1 eTOF2
units :V
[304] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH06.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH06.VOLT.READBACK
desc :voltage readback-value for retarding segment3 eTOF1
units :Not set
[305] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH05.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH05.VOLT.READBACK
desc :voltage readback-value for retarding segment2 eTOF1
units :V
[306] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH04.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS0/CH04.VOLT.READBACK
desc :voltage readback-value for retarding segment1 eTOF1
units :V
[307] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH03.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH03.VOLT.SET
desc :voltage set-value for MCP detector eTOF4
units :V
[308] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH03.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH03.VOLT.READBACK
desc :voltage readback-value for MCP detector eTOF4
units :V
[309] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH02.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH02.VOLT.SET
desc :voltage set-value for MCP detector eTOF3
units :V
[310] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH02.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH02.VOLT.READBACK
desc :voltage readback-value for MCP detector eTOF3
units :V
[311] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH01.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH01.VOLT.SET
desc :voltage set-value for MCP detector eTOF2
units :V
[312] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH01.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH01.VOLT.READBACK
desc :voltage readback-value for MCP detector eTOF2
units :V
[313] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH00.VOLT.SET
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH00.VOLT.SET
desc :voltage set-value for MCP detector eTOF1
units :V
[314] DOOCS prop :FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH00.VOLT.READBACK
DAQ channel:FLASH.FEL/HV.OPIS/FL2.TUNNEL.PS3/CH00.VOLT.READBACK
desc :voltage readback-value for MCP detector eTOF1
units :V
[315] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.HALL/IY.SUM
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.HALL/IY.SUM
desc :Not set
units :mm
[316] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.HALL/IY.POS
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.HALL/IY.POS
desc :Calculated Y position
units :mm

[317] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.HALL/IX.SUM
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.HALL/IX.SUM
desc :Not set
units :mm
[318] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.HALL/IX.POS
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.HALL/IX.POS
desc :Calculated X position
units :mm
[319] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IY.SUM
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IY.SUM
desc :Sum Y signal of the XGMD beam position monitor
units :mm
[320] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IX.SUM
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IX.SUM
desc :Sum X signal of the XGMD beam position monitor
units :mm
[321] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IY.POS
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IY.POS
desc :Calculated Y position
units :mm
[322] DOOCS prop :FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IX.POS
DAQ channel:FLASH.FEL/XGM.POSMON/FL2.TUNNEL/IX.POS
desc :Calculated X position
units :mm
[323] DOOCS prop :FLASH.FEL/FL20T1.XUVSPEC/XUVSPEC.DATA/WAVELEN.CUR
DAQ channel:FLASH.FEL/FL20T1.XUVSPEC/XUVSPEC.DATA/WAVELEN.CUR
desc :Set WL for the FLASH2 XUV spectrometer
units :Not set
[324] DOOCS prop :TTF2.UTIL/LASER.ADC/LASER1/CH02.CALC
DAQ channel:TTF2.UTIL/LASER.ADC/LASER1/CH02.CALC
desc :the actual number of bunches set in the gun by Laser1
units :Not set
[325] DOOCS prop :TTF2.UTIL/LASER.ADC/LASER2/CH02.CALC
DAQ channel:TTF2.UTIL/LASER.ADC/LASER2/CH02.CALC
desc :the actual number of bunches set in the gun by Laser2
units :Not set
[326] DOOCS prop :TTF2.FEEDBACK/FL2.WAVELENGTHCONTROL/FLASH2/WAVELENGTH
DAQ channel:TTF2.FEEDBACK/FL2.WAVELENGTHCONTROL/FLASH2/WAVELENGTH
desc :to be dialed for setting required wavelength at FLASH2
units :nm
[327] DOOCS prop :FLASH.DIAG/MCP.HV/MCP.HV4/HV
DAQ channel:FLASH.DIAG/MCP.HV/MCP.HV4/HV
desc :voltage read back
units :Not set
[328] DOOCS prop :FLASH.DIAG/MCP.HV/MCP.HV3/HV
DAQ channel:FLASH.DIAG/MCP.HV/MCP.HV3/HV
desc :voltage read back
units :Not set
[329] DOOCS prop :FLASH.DIAG/MCP.HV/MCP.HV2/HV
DAQ channel:FLASH.DIAG/MCP.HV/MCP.HV2/HV
desc :Not set
units :Not set
[330] DOOCS prop :FLASH.DIAG/MCP.HV/MCP.HV1/HV
DAQ channel:FLASH.DIAG/MCP.HV/MCP.HV1/HV
desc :voltage read back
units :Not set
[331] DOOCS prop :FLASH.DIAG/TIMER/FLASHCPUTIME1.0/LASER_SELECT.2
DAQ channel:FLASH.DIAG/TIMER/FLASHCPUTIME1.0/LASER_SELECT.2
desc :selected laser for bunches in section 2
units :Not set
[332] DOOCS prop :FLASH.DIAG/TIMER/FLASHCPUTIME1.0/BUNCH_POSITION.2
DAQ channel:FLASH.DIAG/TIMER/FLASHCPUTIME1.0/BUNCH_POSITION.2
desc :bunch position of section 2 in usec RW
units :mks
[333] DOOCS prop :FLASH.DIAG/TIMER/FLASHCPUTIME1.0/REP_RATE_KHZ.2
DAQ channel:FLASH.DIAG/TIMER/FLASHCPUTIME1.0/REP_RATE_KHZ.2
desc :repetition rate of the bunches in section 2 in kHz
units :kHz
[334] DOOCS prop :FLASH.DIAG/PBD2.TOROID.ML/9FL2BURN/CHARGE.FLASH2
DAQ channel:FLASH.DIAG/PBD2.TOROID.ML/9FL2BURN/CHARGE.FLASH2
desc :beam charge at toroid 9FL2BURN
units :nC
[335] DOOCS prop :FLASH.DIAG/PBD2.TOROID.ML/3GUN/CHARGE.FLASH2
DAQ channel:FLASH.DIAG/PBD2.TOROID.ML/3GUN/CHARGE.FLASH2
desc :beam charge at toroid 3GUN
units :nC
[336] DOOCS prop :FLASH.DIAG/PBD2.TOROID.ML/3GUN/NUMBEROFBUNCHES.FLASH2
DAQ channel:FLASH.DIAG/PBD2.TOROID.ML/3GUN/NUMBEROFBUNCHES.FLASH2
desc :actual! number of bunches for FLASH2
units :Not set
[337] DOOCS prop :FLASH.FEL/ADC.SIS.FL2FS/FL20.SHUTTER/DAQ_CHANNEL
DAQ channel:FLASH.FEL/ADC.SIS.FL2FS/FL20.SHUTTER
desc :Not set
units :Not set
dims : 1

id : 0
name : CH00.TD
desc : Channel 0 from SP devices ADC
units : V
[338] DOOCS prop :FLASH.FEL/XGM.INTENSITY/FL2.TUNNEL/DAQ_CHANNEL
DAQ channel:FLASH.FEL/XGM.INTENSITY/FL2.TUNNEL
desc :Intensity per pulse
units :uJ
dims : 8
id : 0
name : INTENSITY.TD
desc : Intensity per pulse, all bunches
units : a.u.
id : 1
name : INTENSITY_AUX.TD
desc : Intensity per pulse (aux), all bunches
units : a.u.
id : 2
name : X.TD
desc : Position horizontal, all bunches
units : mm
id : 3
name : Y.TD
desc : Position vertical, all bunches
units : mm
id : 4
name : INTENSITY.SIGMA.TD
desc : Intensity per pulse sigma
units : a.u.
id : 5
name : X.SIGMA.TD
desc : Position horizontal sigma
units : mm
id : 6
name : Y.SIGMA.TD
desc : Position vertical sigma
units : mm
id : 7
name : INTENSITY.TSS
desc : Combined warning and error flags
units : none
[339] DOOCS prop :FLASH.FEL/XGM.INTENSITY/FL2.HALL/DAQ_CHANNEL
DAQ channel:FLASH.FEL/XGM.INTENSITY/FL2.HALL
desc :Intensity per pulse
units :uJ
dims : 8
id : 0
name : INTENSITY.TD
desc : Intensity per pulse, all bunches
units : a.u.
id : 1
name : INTENSITY_AUX.TD
desc : Intensity per pulse (aux), all bunches
units : a.u.
id : 2
name : X.TD
desc : Position horizontal, all bunches
units : mm
id : 3
name : Y.TD
desc : Position vertical, all bunches
units : mm
id : 4
name : INTENSITY.SIGMA.TD
desc : Intensity per pulse sigma
units : a.u.
id : 5
name : X.SIGMA.TD
desc : Position horizontal sigma
units : mm
id : 6
name : Y.SIGMA.TD
desc : Position vertical sigma
units : mm
id : 7
name : INTENSITY.TSS
desc : Combined warning and error flags
units : none
[340] DOOCS prop :FLASH.FEL/XGM.BPM/FL2.TUNNEL/DAQ_CHANNEL
DAQ channel:FLASH.FEL/XGM.BPM/FL2.TUNNEL
desc :Calculated X/Y position per pulse
units :mm
dims : 8
id : 2
name : X.TD

desc : Position horizontal, all bunches
units : mm
id : 0
name : INTENSITY.TD
desc : Intensity per pulse, all bunches
units : a.u.
id : 1
name : INTENSITY_AUX.TD
desc : Intensity per pulse (aux), all bunches
units : a.u.
id : 3
name : Y.TD
desc : Position vertical, all bunches
units : mm
id : 4
name : INTENSITY.SIGMA.TD
desc : Intensity per pulse sigma
units : a.u.
id : 5
name : X.SIGMA.TD
desc : Position horizontal sigma
units : mm
id : 6
name : Y.SIGMA.TD
desc : Position vertical sigma
units : mm
id : 7
name : INTENSITY.TSS
desc : Combined warning and error flags
units : none
[341] DOOCS prop :FLASH.FEL/XGM.BPM/FL2.HALL/DAQ_CHANNEL
DAQ channel:FLASH.FEL/XGM.BPM/FL2.HALL
desc :Calculated X/Y position per pulse
units :mm
dims : 8
id : 0
name : INTENSITY.TD
desc : Intensity per pulse, all bunches
units : a.u.
id : 1
name : INTENSITY_AUX.TD
desc : Intensity per pulse (aux), all bunches
units : a.u.
id : 2
name : X.TD
desc : Position horizontal, all bunches
units : mm
id : 3
name : Y.TD
desc : Position vertical, all bunches
units : mm
id : 4
name : INTENSITY.SIGMA.TD
desc : Intensity per pulse sigma
units : a.u.
id : 5
name : X.SIGMA.TD
desc : Position horizontal sigma
units : mm
id : 6
name : Y.SIGMA.TD
desc : Position vertical sigma
units : mm
id : 7
name : INTENSITY.TSS
desc : Combined warning and error flags
units : none
[342] DOOCS prop :FLASH.DIAG/TIMINGINFO/TIME1.BUNCH_PATTERN/DAQ_CHANNEL
DAQ channel:TIMINGINFO/TIME1.BUNCH_PATTERN
desc :BUnch pattern for the full shot
units :Yes/No
dims : 1
id : 0
name : Float
desc : Data at TIMINGINFO/TIME1.BUNCH_PATTERN
units : Not set
[343] DOOCS prop :FLASH.DIAG/TIMINGINFO/TIME1.BUNCH_FIRST_INDEX.2/DAQ_CHANNEL
DAQ channel:TIMINGINFO/TIME1.BUNCH_FIRST_INDEX.2
desc :Bunch first index info for FLASH2
units :sample
dims : 1
id : 0
name : Float
desc : Data at TIMINGINFO/TIME1.BUNCH_FIRST_INDEX.2
units : Not set

[344] DOOCS prop :FLASH.DIAG/BPM/6FL2BC/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/6FL2BC
desc :BPM Server
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[345] DOOCS prop :FLASH.DIAG/BPM/7FLFDUMP/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/7FLFDUMP
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[346] DOOCS prop :FLASH.DIAG/BPM/11FLFXTDS/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/11FLFXTDS
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[347] DOOCS prop :FLASH.DIAG/BPM/1FLFXTDS/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/1FLFXTDS
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[348] DOOCS prop :FLASH.DIAG/BPM/1FLFUND3/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/1FLFUND3
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC

[349] DOOCS prop :FLASH.DIAG/BPM/1FLFUND2/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/1FLFUND2
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[350] DOOCS prop :FLASH.DIAG/BPM/1FLFUND1/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/BPM/1FLFUND1
desc :Not set
units :V
dims : 3
id : 0
name : X.TD
desc : FLASH BPM X
units : mm
id : 1
name : Y.TD
desc : FLASH BPM Y
units : mm
id : 2
name : C.TD
desc : FLASH BPM charge
units : nC
[351] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH03/DAQ_CHANNEL
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH03
desc :ADC.ADQ RAW spectrum readout from eTOF
units :Not set
dims : 1
id : 0
name : CH00.TD
desc : Channel 0 from SP devices ADC
units : V
[352] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH02/DAQ_CHANNEL
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH02
desc :ADC.ADQ RAW spectrum readout from eTOF
units :Not set
dims : 1
id : 0
name : CH00.TD
desc : Channel 0 from SP devices ADC
units : V
[353] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH01/DAQ_CHANNEL
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH01
desc :ADC.ADQ RAW spectrum readout from eTOF
units :Not set
dims : 1
id : 0
name : CH00.TD
desc : Channel 0 from SP devices ADC
units : V
[354] DOOCS prop :FLASH.FEL/ADC.ADQ/OPIS1.CH00/DAQ_CHANNEL
DAQ channel:FLASH.FEL/ADC.ADQ/OPIS1.CH00
desc :ADC.ADQ RAW spectrum readout from eTOF
units :Not set
dims : 1
id : 0
name : CH00.TD
desc : Channel 0 from SP devices ADC
units : V
[355] DOOCS prop :FLASH.DIAG/MCP.ADC/FL2MCP/DAQ_CHANNEL
DAQ channel:FLASH.DIAG/MCP.ADC/FL2MCP
desc :Not set
units :mA
dims : 2
id : 0
name : MCP1.TD
desc : FLASH.DIAG/MCP.ADC/FL2MCP/MCP1.TD
units : unknown
id : 1
name : MCP2.TD
desc : FLASH.DIAG/MCP.ADC/FL2MCP/MCP2.TD
units : unknown
[356] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN

desc :- non-calibrated arrival time data from the "low-charge channel":
- modulation data for all bunches (9MHz pattern)
units :rel.units
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN
units : Not set
[357] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME
desc :- calibrated arrival time data from the "low-charge channel":
- calibrated arrival time data for all bunches (9MHz pattern)
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE_ARRIVAL_TIME
units : Not set
[358] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE.ACCURACY/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE.ACCURACY
desc :- measurement accuracy of the "low-charge channel":
- statistical error of arrival time measurement

units :rel.units
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.LOW_CHARGE.ACCURACY
units : Not set
[359] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN
desc :- non-calibrated arrival time data from the "high-charge channel":
- modulation data for all bunches (9MHz pattern)
units :rel.units
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME_RAW_9MHz_PATTERN
units : Not set
[360] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME
desc :- calibrated arrival time data from the "high-charge channel":
- calibrated arrival time data for all bunches (9MHz pattern)
units :fs*DELTAT_SIGN
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE_ARRIVAL_TIME
units : Not set
[361] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE.ACCURACY/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE.ACCURACY
desc :measurement accuracy of the "high-charge channel"l:
statistical error of arrival time measurement
units :rel.units
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.HIGH_CHARGE.ACCURACY
units : Not set
[362] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.DELTAT_SIGN/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.DELTAT_SIGN
desc :defines arrival time unit and direction of time axis:
- factor on y-axis of calibrated arrival time data:
0.001 = ps,
1 = fs
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.DELTAT_SIGN
units : Not set
[363] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.3/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.3
desc :Submacropulse 3 (FLASH3/SASE3) general status of the BAM Channel
0 = data is valid,
1 = bunchtrigger is more then 0,
3 = calibration is on,
4 = internal feedback is on,
5 = tuning mode is on
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.3
units : Not set

[364] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.2/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.2
desc :Submacropulse 2 (FLASH2/SASE2) general status of the BAM Channel
0 = data is valid,
1 = bunchtrigger is more then 0,
3 = calibration is on,
4 = internal feedback is on,
5 = tuning mode is on
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.2
units : Not set
[365] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.1/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.1
desc :Submacropulse 1 (FLASH1/SASE1) general status of the BAM Channel
0 = data is valid,
1 = bunchtrigger is more then 0,
3 = calibration is on,
4 = internal feedback is on,
5 = tuning mode is on
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_STATUS.1
units : Not set
[366] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_ERROR/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_ERROR
desc :error code:
0 no error
1 front-end error
2 Link not locked
3 MLO not locked
4 error from Motor.1
5 error from Motor.2
6 error from Motor.3
7 error from Motor T
8 Toroid connection time-out
9 Link connection time-out
10 MLO connection time-out
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.BAM_ERROR
units : Not set
[367] DOOCS prop :FLASH.SDIAG/BAM.DAQ/4DBC3.ARRIVAL_TIME_OFFSET/DAQ_CHANNEL
DAQ channel:FLASH.SDIAG/BAM.DAQ/4DBC3.ARRIVAL_TIME_OFFSET
desc :general arrival time offset value
units :fs
dims : 1
id : 0
name : Float
desc : Data at FLASH.SDIAG/BAM.DAQ/4DBC3.ARRIVAL_TIME_OFFSET
units : Not set
[368] DOOCS prop :TTF2.EXP/PBD2.PHOTONWLFL2.ML/WAVE_LENGTH/CHAN_NAME
DAQ channel:TTF2.EXP/PBD2.PHOTONWL.ML/WAVE_LENGTH
desc :Not set
units :nm
dims : 1
id : 0
name : Float
desc : Data at TTF2.EXP/PBD2.PHOTONWL.ML/WAVE_LENGTH
units : Not set
[369] DOOCS prop :FLASH.DIAG/PBD2.TOROID.ML/9FL2BURN/PULSEPATTERN.DAQNAME
DAQ channel:FLASH.DIAG/PBD2.TOROID.ML/9FL2BURN.PULSEPATTERN
desc :TOROID ML server for PBD2 DAQ
units :Not set
dims : 1
id : 0
name : Float
desc : Data at FLASH.DIAG/PBD2.TOROID.ML/9FL2BURN.PULSEPATTERN
units : Not set
[370] DOOCS prop :FLASH.DIAG/PBD2.TOROID.ML/3GUN/PULSEPATTERN.DAQNAME
DAQ channel:FLASH.DIAG/PBD2.TOROID.ML/3GUN.PULSEPATTERN
desc :TOROID ML server for PBD2 DAQ
units :Not set
dims : 1
id : 0
name : Float
desc : Data at FLASH.DIAG/PBD2.TOROID.ML/3GUN.PULSEPATTERN
units : Not set