

Upgrade from OBF B3-0-0 to B3-1-0

M.E. has provided some runs of real data

nomSciOps

Run 351769427

FSW B3-0-0

EbfWriter INFO Wrote 125000 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 22514
GFC_V3_STATUS_M_GEM_TKR = 124179
GFC_V3_STATUS_M_GEM_CALLO = 32350
GFC_V3_STATUS_M_GEM_CALHI = 18757
GFC_V3_STATUS_M_GEM_CNO = 4766
GFC_V3_STATUS_M_ACD_TOP = 21622
GFC_V3_STATUS_M_ACD_SIDE = 42082
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 22291
GFC_V3_STATUS_M_TKR_EQ_1 = 27947
GFC_V3_STATUS_M_TKR_GE_2 = 34904
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 9020
GFC_V3_STATUS_M_TKR_SKIRT = 36
GFC_V3_STATUS_M_TKR_EQ_0 = 48
GFC_V3_STATUS_M_TKR_ROW2 = 51
GFC_V3_STATUS_M_TKR_ROW01 = 108
GFC_V3_STATUS_M_TKR_TOP = 351
GFC_V3_STATUS_M_SIDE = 198
GFC_V3_STATUS_M_TOP = 283
GFC_V3_STATUS_M_ZBOTTOM = 76
GFC_V3_STATUS_M_ERR_CTB = 228
GFC_V3_STATUS_M_SPLASH_1 = 5154
GFC_V3_STATUS_M_E350_FILTER_TILE = 52
GFC_V3_STATUS_M_E0_TILE = 140
GFC_V3_STATUS_M_ELO_ETOT_HI = 7987
GFC_V3_STATUS_M_ELO_ETOT_LO = 15533
GFC_V3_STATUS_M_LO_ENERGY = 44735
GFC_V3_STATUS_M_HI_ENERGY = 10574
GFC_V3_STATUS_M_SPLASH_0 = 770
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 3700
GFC_V3_STATUS_M_NON_PHYSICS = 505
GFC_V3_STATUS_M_VETOED = 6546

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 125000
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 27754
MFC_STATUS_M_STAGE_CAL = 27750
MFC_STATUS_M_STAGE_XCAL = 27750
MFC_STATUS_M_MULTI_PKT = 3086
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 4
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 12242
MFC_STATUS_M_LYR_COUNTS = 24802
MFC_STATUS_M_NO_ACD_TKR = 91655
MFC_STATUS_M_GEM_NOTKR = 821
MFC_STATUS_M_GEM_CNO = 4770
MFC_STATUS_M_VETOED = 122052

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 125000
HFC_STATUS_M_STAGE_DIR = 4646
HFC_STATUS_M_STAGE_CAL = 4646
HFC_STATUS_M_STAGE_CAL_ECHK = 4646
HFC_STATUS_M_STAGE_CAL_LCHK = 1394
HFC_STATUS_M_MULTI_PKT = 3712
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 0
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 3185
HFC_STATUS_M_LYR_COUNTS = 659
HFC_STATUS_M_GEM_NOTKR = 3
HFC_STATUS_M_GEM_NOCALLO = 117
HFC_STATUS_M_GEM_NOCNO = 120234
HFC_STATUS_M_VETOED = 124198

OnboardFilter.D... INFO – DFC Filter bit frequency table –

Status Bit Value
DFC_STATUS_M_STAGE_GEM 125000
Veto Bit Summary
Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 125000
DFC_STATUS_M_VETOED 125000

OnboardFilter INFO Encountered 0 events with no ebf data
FSW 3-1-0

EbfWriter INFO Wrote 125000 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 22514
GFC_V3_STATUS_M_GEM_TKR = 124179
GFC_V3_STATUS_M_GEM_CALLO = 32350
GFC_V3_STATUS_M_GEM_CALHI = 18757
GFC_V3_STATUS_M_GEM_CNO = 4766
GFC_V3_STATUS_M_ACD_TOP = 21622
GFC_V3_STATUS_M_ACD_SIDE = 42082
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 22291
GFC_V3_STATUS_M_TKR_EQ_1 = 27947
GFC_V3_STATUS_M_TKR_GE_2 = 34904
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 9020
GFC_V3_STATUS_M_TKR_SKIRT = 36
GFC_V3_STATUS_M_TKR_EQ_0 = 48
GFC_V3_STATUS_M_TKR_ROW2 = 51
GFC_V3_STATUS_M_TKR_ROW01 = 108
GFC_V3_STATUS_M_TKR_TOP = 351
GFC_V3_STATUS_M_SIDE = 198
GFC_V3_STATUS_M_TOP = 283
GFC_V3_STATUS_M_ZBOTTOM = 76
GFC_V3_STATUS_M_ERR_CTB = 228
GFC_V3_STATUS_M_SPLASH_1 = 5154
GFC_V3_STATUS_M_E350_FILTER_TILE = 52
GFC_V3_STATUS_M_E0_TILE = 140
GFC_V3_STATUS_M_ELO_ETOT_HI = 7987
GFC_V3_STATUS_M_ELO_ETOT_LO = 15533
GFC_V3_STATUS_M_LO_ENERGY = 44735
GFC_V3_STATUS_M_HI_ENERGY = 10574
GFC_V3_STATUS_M_SPLASH_0 = 770
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 3700
GFC_V3_STATUS_M_NON_PHYSICS = 505
GFC_V3_STATUS_M_VETOED = 6546

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 125000
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 27754
MFC_STATUS_M_STAGE_CAL = 27750
MFC_STATUS_M_STAGE_XCAL = 27750
MFC_STATUS_M_MULTI_PKT = 3086
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 4
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 12242
MFC_STATUS_M_LYR_COUNTS = 24802
MFC_STATUS_M_NO_ACD_TKR = 91655
MFC_STATUS_M_GEM_NOTKR = 821
MFC_STATUS_M_GEM_CNO = 4770
MFC_STATUS_M_VETOED = 122052

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 125000
HFC_STATUS_M_STAGE_DIR = 4646
HFC_STATUS_M_STAGE_CAL = 4646
HFC_STATUS_M_STAGE_CAL_ECHK = 4646
HFC_STATUS_M_STAGE_CAL_LCHK = 1394
HFC_STATUS_M_MULTI_PKT = 3712
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 0
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 3185
HFC_STATUS_M_LYR_COUNTS = 659
HFC_STATUS_M_GEM_NOTKR = 3
HFC_STATUS_M_GEM_NOCALLO = 117
HFC_STATUS_M_GEM_NOCNO = 120234
HFC_STATUS_M_VETOED = 124198

OnboardFilter.D... INFO – DFC Filter bit frequency table –

Status Bit Value

DFC_STATUS_M_STAGE_GEM 125000

Veto Bit Summary

Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 125000

DFC_STATUS_M_VETOED 125000

OnboardFilter INFO Encountered 0 events with no ebf data

trunc64

Run 353284562

FSW B3-0-0

TriggerAlg INFO Totals triggered/ processed: 125000/125000

bit frequency: all events

value count CNO CALHI CALLO TKR ROI

0 1421 0 0 0 0
2 84025 0 0 0 84025 0
3 3795 0 0 0 3795 3795
4 27 0 0 27 0 0
6 11377 0 0 11377 11377 0
7 3370 0 0 3370 3370 3370
12 115 0 115 115 0 0
14 2002 0 2002 2002 2002 0
15 12108 0 12108 12108 12108 12108
18 5 5 0 0 5 0
19 127 127 0 0 127 127
22 2 2 0 2 2 0
23 632 632 0 632 632 632
31 5994 5994 5994 5994 5994 5994

tot:125000 6760 20219 35627123437 26026

EbfWriter INFO Wrote 125000 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 25239
GFC_V3_STATUS_M_GEM_TKR = 124260
GFC_V3_STATUS_M_GEM_CALLO = 35417
GFC_V3_STATUS_M_GEM_CALHI = 20933
GFC_V3_STATUS_M_GEM_CNO = 6760
GFC_V3_STATUS_M_ACD_TOP = 24802
GFC_V3_STATUS_M_ACD_SIDE = 44310
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 24807
GFC_V3_STATUS_M_TKR_EQ_1 = 27666
GFC_V3_STATUS_M_TKR_GE_2 = 35031
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 8346
GFC_V3_STATUS_M_TKR_SKIRT = 28
GFC_V3_STATUS_M_TKR_EQ_0 = 42
GFC_V3_STATUS_M_TKR_ROW2 = 54
GFC_V3_STATUS_M_TKR_ROW01 = 94
GFC_V3_STATUS_M_TKR_TOP = 231
GFC_V3_STATUS_M_SIDE = 197
GFC_V3_STATUS_M_TOP = 271
GFC_V3_STATUS_M_ZBOTTOM = 68
GFC_V3_STATUS_M_ERR_CTB = 6022
GFC_V3_STATUS_M_SPLASH_1 = 9288
GFC_V3_STATUS_M_E350_FILTER_TILE = 45
GFC_V3_STATUS_M_E0_TILE = 136
GFC_V3_STATUS_M_ELO_ETOT_HI = 7268
GFC_V3_STATUS_M_ELO_ETOT_LO = 15827
GFC_V3_STATUS_M_LO_ENERGY = 40973
GFC_V3_STATUS_M_HI_ENERGY = 8908
GFC_V3_STATUS_M_SPLASH_0 = 861
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 3790
GFC_V3_STATUS_M_NON_PHYSICS = 434
GFC_V3_STATUS_M_VETOED = 12273

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 125000
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 25409
MFC_STATUS_M_STAGE_CAL = 24726
MFC_STATUS_M_STAGE_XCAL = 24726
MFC_STATUS_M_MULTI_PKT = 2370
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 683
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 12407
MFC_STATUS_M_LYR_COUNTS = 21513
MFC_STATUS_M_NO_ACD_TKR = 91854
MFC_STATUS_M_GEM_NOTKR = 763
MFC_STATUS_M_GEM_CNO = 6974
MFC_STATUS_M_VETOED = 121787

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 125000
HFC_STATUS_M_STAGE_DIR = 3566
HFC_STATUS_M_STAGE_CAL = 1643
HFC_STATUS_M_STAGE_CAL_ECHK = 1643
HFC_STATUS_M_STAGE_CAL_LCHK = 711
HFC_STATUS_M_MULTI_PKT = 2837
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 1923
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 887
HFC_STATUS_M_LYR_COUNTS = 120
HFC_STATUS_M_GEM_NOTKR = 0
HFC_STATUS_M_GEM_NOCALLO = 135
HFC_STATUS_M_GEM_NOCNO = 121299
HFC_STATUS_M_VETOED = 124364

OnboardFilter.D... INFO – DFC Filter bit frequency table –
Status Bit Value

DFC_STATUS_M_STAGE_GEM 125000

Veto Bit Summary

Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 125000

DFC_STATUS_M_VETOED 125000

OnboardFilter INFO Encountered 0 events with no ebf data
FSW B3-1-0

TriggerAlg INFO Totals triggered/ processed: 125000/125000

bit frequency: all events

value count CNO CALHI CALLO TKR ROI

0 1421 0 0 0 0
2 84025 0 0 0 84025 0
3 3795 0 0 0 3795 3795
4 27 0 0 27 0 0
6 11377 0 0 11377 11377 0
7 3370 0 0 3370 3370 3370
12 115 0 115 115 0 0
14 2002 0 2002 2002 2002 0
15 12108 0 12108 12108 12108 12108
18 5 5 0 0 5 0
19 127 127 0 0 127 127
22 2 2 0 2 2 0
23 632 632 0 632 632 632
31 5994 5994 5994 5994 5994 5994

tot:125000 6760 20219 35627123437 26026

EbfWriter INFO Wrote 125000 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 25239
GFC_V3_STATUS_M_GEM_TKR = 124260
GFC_V3_STATUS_M_GEM_CALLO = 35417
GFC_V3_STATUS_M_GEM_CALHI = 20933
GFC_V3_STATUS_M_GEM_CNO = 6760
GFC_V3_STATUS_M_ACD_TOP = 24802
GFC_V3_STATUS_M_ACD_SIDE = 44310
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 24807
GFC_V3_STATUS_M_TKR_EQ_1 = 27666
GFC_V3_STATUS_M_TKR_GE_2 = 35246
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 8346
GFC_V3_STATUS_M_TKR_SKIRT = 43
GFC_V3_STATUS_M_TKR_EQ_0 = 42
GFC_V3_STATUS_M_TKR_ROW2 = 393
GFC_V3_STATUS_M_TKR_ROW01 = 561
GFC_V3_STATUS_M_TKR_TOP = 3835
GFC_V3_STATUS_M_SIDE = 491
GFC_V3_STATUS_M_TOP = 997
GFC_V3_STATUS_M_ZBOTTOM = 70
GFC_V3_STATUS_M_ERR_CTB = 360
GFC_V3_STATUS_M_SPLASH_1 = 9288
GFC_V3_STATUS_M_E350_FILTER_TILE = 45
GFC_V3_STATUS_M_E0_TILE = 136
GFC_V3_STATUS_M_ELO_ETOT_HI = 7268
GFC_V3_STATUS_M_ELO_ETOT_LO = 15827
GFC_V3_STATUS_M_LO_ENERGY = 40973
GFC_V3_STATUS_M_HI_ENERGY = 8908
GFC_V3_STATUS_M_SPLASH_0 = 861
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 3790
GFC_V3_STATUS_M_NON_PHYSICS = 434
GFC_V3_STATUS_M_VETOED = 12058

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 125000
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 28227
MFC_STATUS_M_STAGE_CAL = 28220
MFC_STATUS_M_STAGE_XCAL = 28220
MFC_STATUS_M_MULTI_PKT = 4929
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 7
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 12152
MFC_STATUS_M_LYR_COUNTS = 25043
MFC_STATUS_M_NO_ACD_TKR = 89259
MFC_STATUS_M_GEM_NOTKR = 743
MFC_STATUS_M_GEM_CNO = 6771
MFC_STATUS_M_VETOED = 121823

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 125000
HFC_STATUS_M_STAGE_DIR = 6631
HFC_STATUS_M_STAGE_CAL = 6631
HFC_STATUS_M_STAGE_CAL_ECHK = 6631
HFC_STATUS_M_STAGE_CAL_LCHK = 1626
HFC_STATUS_M_MULTI_PKT = 5720
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 0
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 4851
HFC_STATUS_M_LYR_COUNTS = 1070
HFC_STATUS_M_GEM_NOTKR = 0
HFC_STATUS_M_GEM_NOCALLO = 129
HFC_STATUS_M_GEM_NOCNO = 118240
HFC_STATUS_M_VETOED = 124290

OnboardFilter.D... INFO – DFC Filter bit frequency table –

Status Bit Value

DFC_STATUS_M_STAGE_GEM 125000

Veto Bit Summary

Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 125000

DFC_STATUS_M_VETOED 125000

OnboardFilter INFO Encountered 0 events with no ebf data

LCI

Run 308557442

FSW B3-0-0

TriggerAlg INFO Totals triggered/ processed: 86400/86400

bit frequency: all events

value count CNO CALHI CALLO TKR ROI

0 6572 0 0 0 0 0

2 79828 0 0 0 79828 0

tot: 86400 0 0 0 79828 0

EbfWriter INFO Wrote 86400 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 0
GFC_V3_STATUS_M_GEM_TKR = 0
GFC_V3_STATUS_M_GEM_CALLO = 0
GFC_V3_STATUS_M_GEM_CALHI = 0
GFC_V3_STATUS_M_GEM_CNO = 0
GFC_V3_STATUS_M_ACD_TOP = 0
GFC_V3_STATUS_M_ACD_SIDE = 0
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 0
GFC_V3_STATUS_M_TKR_EQ_1 = 0
GFC_V3_STATUS_M_TKR_GE_2 = 0
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 0
GFC_V3_STATUS_M_TKR_SKIRT = 0
GFC_V3_STATUS_M_TKR_EQ_0 = 0
GFC_V3_STATUS_M_TKR_ROW2 = 0
GFC_V3_STATUS_M_TKR_ROW01 = 0
GFC_V3_STATUS_M_TKR_TOP = 0
GFC_V3_STATUS_M_SIDE = 0
GFC_V3_STATUS_M_TOP = 0
GFC_V3_STATUS_M_ZBOTTOM = 0
GFC_V3_STATUS_M_ERR_CTB = 0
GFC_V3_STATUS_M_SPLASH_1 = 0
GFC_V3_STATUS_M_E350_FILTER_TILE = 0
GFC_V3_STATUS_M_E0_TILE = 0
GFC_V3_STATUS_M_ELO_ETOT_HI = 0
GFC_V3_STATUS_M_ELO_ETOT_LO = 0
GFC_V3_STATUS_M_LO_ENERGY = 0
GFC_V3_STATUS_M_HI_ENERGY = 0
GFC_V3_STATUS_M_SPLASH_0 = 0
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 0
GFC_V3_STATUS_M_NON_PHYSICS = 86400
GFC_V3_STATUS_M_VETOED = 86400

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 86400
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 0
MFC_STATUS_M_STAGE_CAL = 0
MFC_STATUS_M_STAGE_XCAL = 0
MFC_STATUS_M_MULTI_PKT = 0
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 0
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 0
MFC_STATUS_M_LYR_COUNTS = 0
MFC_STATUS_M_NO_ACD_TKR = 0
MFC_STATUS_M_GEM_NOTKR = 86400
MFC_STATUS_M_GEM_CNO = 0
MFC_STATUS_M_VETOED = 86400

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 86400
HFC_STATUS_M_STAGE_DIR = 0
HFC_STATUS_M_STAGE_CAL = 0
HFC_STATUS_M_STAGE_CAL_ECHK = 0
HFC_STATUS_M_STAGE_CAL_LCHK = 0
HFC_STATUS_M_MULTI_PKT = 0
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 0
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 0
HFC_STATUS_M_LYR_COUNTS = 0
HFC_STATUS_M_GEM_NOTKR = 0
HFC_STATUS_M_GEM_NOCALLO = 0
HFC_STATUS_M_GEM_NOCNO = 86400
HFC_STATUS_M_VETOED = 86400

OnboardFilter.D... INFO – DFC Filter bit frequency table –

Status Bit Value
DFC_STATUS_M_STAGE_GEM 86400
Veto Bit Summary
Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 86400
DFC_STATUS_M_VETOED 86400

OnboardFilter INFO Encountered 0 events with no ebf data
FSW B3-1-0

TriggerAlg INFO Totals triggered/ processed: 86400/86400
bit frequency: all events
value count CNO CALHI CALLO TKR ROI

0 6572 0 0 0 0 0
2 79828 0 0 0 79828 0

tot: 86400 0 0 0 79828 0
EbfWriter INFO Wrote 86400 Total Events

OnboardFilter.G... INFO – Gamma Filter Status Word bit frequency table –

GFC_V3_STATUS_M_GEM_THROTTLE = 0
GFC_V3_STATUS_M_GEM_TKR = 0
GFC_V3_STATUS_M_GEM_CALLO = 0
GFC_V3_STATUS_M_GEM_CALHI = 0
GFC_V3_STATUS_M_GEM_CNO = 0
GFC_V3_STATUS_M_ACD_TOP = 0
GFC_V3_STATUS_M_ACD_SIDE = 0
GFC_V3_STATUS_M_ACD_SIDE_FILTER = 0
GFC_V3_STATUS_M_TKR_EQ_1 = 0
GFC_V3_STATUS_M_TKR_GE_2 = 0
GFC_V3_STATUS_M_RSVD_10 = 0
GFC_V3_STATUS_M_TKR_LT_2_ELO = 0
GFC_V3_STATUS_M_TKR_SKIRT = 0
GFC_V3_STATUS_M_TKR_EQ_0 = 0
GFC_V3_STATUS_M_TKR_ROW2 = 0
GFC_V3_STATUS_M_TKR_ROW01 = 0
GFC_V3_STATUS_M_TKR_TOP = 0
GFC_V3_STATUS_M_SIDE = 0
GFC_V3_STATUS_M_TOP = 0
GFC_V3_STATUS_M_ZBOTTOM = 0
GFC_V3_STATUS_M_ERR_CTB = 0
GFC_V3_STATUS_M_SPLASH_1 = 0
GFC_V3_STATUS_M_E350_FILTER_TILE = 0
GFC_V3_STATUS_M_E0_TILE = 0
GFC_V3_STATUS_M_ELO_ETOT_HI = 0
GFC_V3_STATUS_M_ELO_ETOT_LO = 0
GFC_V3_STATUS_M_LO_ENERGY = 0
GFC_V3_STATUS_M_HI_ENERGY = 0
GFC_V3_STATUS_M_SPLASH_0 = 0
GFC_V3_STATUS_M_NOCALLO_FILTER_TILE = 0
GFC_V3_STATUS_M_NON_PHYSICS = 86400
GFC_V3_STATUS_M_VETOED = 86400

OnboardFilter.M... INFO – MIP Filter Status Word bit frequency table –

MFC_STATUS_M_STAGE_GEM = 86400
MFC_STATUS_M_STAGE_ACD = 0
MFC_STATUS_M_STAGE_DIR = 0
MFC_STATUS_M_STAGE_CAL = 0
MFC_STATUS_M_STAGE_XCAL = 0
MFC_STATUS_M_MULTI_PKT = 0
MFC_STATUS_M_ERR_CAL = 0
MFC_STATUS_M_ERR_CTB = 0
MFC_STATUS_M_ERR_DIR = 0
MFC_STATUS_M_RSVD_09 = 0
MFC_STATUS_M_RSVD_10 = 0
MFC_STATUS_M_RSVD_11 = 0
MFC_STATUS_M_RSVD_12 = 0
MFC_STATUS_M_RSVD_13 = 0
MFC_STATUS_M_RSVD_14 = 0
MFC_STATUS_M_RSVD_15 = 0
MFC_STATUS_M_RSVD_16 = 0
MFC_STATUS_M_RSVD_17 = 0
MFC_STATUS_M_RSVD_18 = 0
MFC_STATUS_M_RSVD_19 = 0
MFC_STATUS_M_RSVD_20 = 0
MFC_STATUS_M_RSVD_21 = 0
MFC_STATUS_M_RSVD_22 = 0
MFC_STATUS_M_RSVD_23 = 0
MFC_STATUS_M_RSVD_24 = 0
MFC_STATUS_M_RSVD_25 = 0
MFC_STATUS_M_NO_TKR_ADJ = 0
MFC_STATUS_M_LYR_COUNTS = 0
MFC_STATUS_M_NO_ACD_TKR = 0
MFC_STATUS_M_GEM_NOTKR = 86400
MFC_STATUS_M_GEM_CNO = 0
MFC_STATUS_M_VETOED = 86400

OnboardFilter.H... INFO – HIP Filter Status Word bit frequency table –

HFC_STATUS_M_STAGE_GEM = 86400
HFC_STATUS_M_STAGE_DIR = 0
HFC_STATUS_M_STAGE_CAL = 0
HFC_STATUS_M_STAGE_CAL_ECHK = 0
HFC_STATUS_M_STAGE_CAL_LCHK = 0
HFC_STATUS_M_MULTI_PKT = 0
HFC_STATUS_M_ERR_CAL = 0
HFC_STATUS_M_ERR_CTB = 0
HFC_STATUS_M_ERR_DIR = 0
HFC_STATUS_M_RSVD_09 = 0
HFC_STATUS_M_RSVD_10 = 0
HFC_STATUS_M_RSVD_11 = 0
HFC_STATUS_M_RSVD_12 = 0
HFC_STATUS_M_RSVD_13 = 0
HFC_STATUS_M_RSVD_14 = 0
HFC_STATUS_M_RSVD_15 = 0
HFC_STATUS_M_RSVD_16 = 0
HFC_STATUS_M_RSVD_17 = 0
HFC_STATUS_M_RSVD_18 = 0
HFC_STATUS_M_RSVD_19 = 0
HFC_STATUS_M_RSVD_20 = 0
HFC_STATUS_M_RSVD_21 = 0
HFC_STATUS_M_RSVD_22 = 0
HFC_STATUS_M_RSVD_23 = 0
HFC_STATUS_M_RSVD_24 = 0
HFC_STATUS_M_RSVD_25 = 0
HFC_STATUS_M_LYR_ENERGY = 0
HFC_STATUS_M_LYR_COUNTS = 0
HFC_STATUS_M_GEM_NOTKR = 0
HFC_STATUS_M_GEM_NOCALLO = 0
HFC_STATUS_M_GEM_NOCNO = 86400
HFC_STATUS_M_VETOED = 86400

OnboardFilter.D... INFO – DFC Filter bit frequency table –

Status Bit Value

DFC_STATUS_M_STAGE_GEM 86400

Veto Bit Summary

Trigger Name Count

DFC_STATUS_M_GEM_CLASSES 86400

DFC_STATUS_M_VETOED 86400

OnboardFilter INFO Encountered 0 events with no ebf data