BAZ file format 1.1.0

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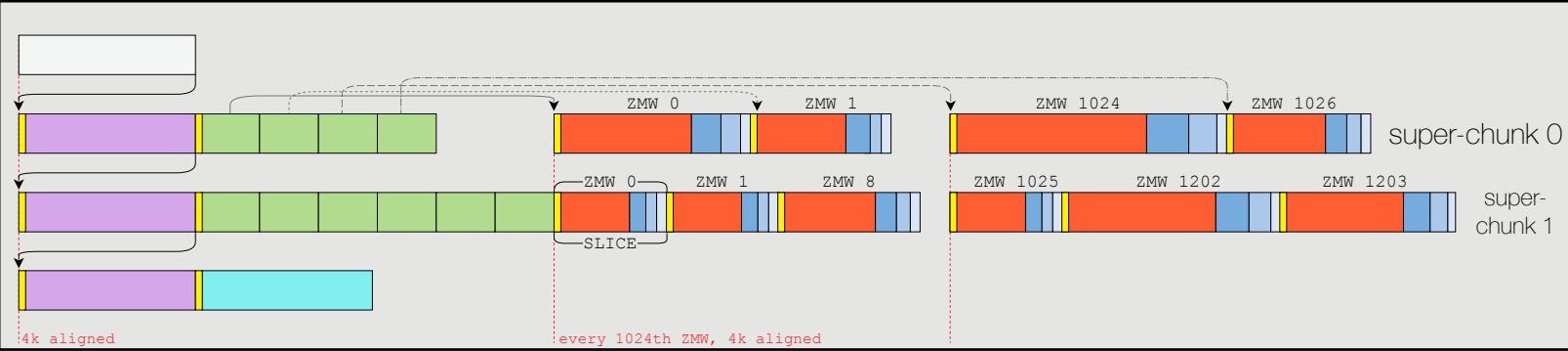**FILE_HEADER**

    JSON

SUPER_CHUNK_META 12B

    +04   8B   OFFSET_NEXT_CHUNK
    +08   4B   NUM_ZMWS

ZMW_SLICE_HEAD 22B

    +00   8B   OFFSET_PACKET
    +08   4B   ZMW_ID
    +12   4B   PACKET_STREAM_BYTE_SIZE
    +16   2B   NUM_EVENTS
    +18   2B   NUM_HF_METRICS
    +20   1B   NUM_MF_METRICS
    +21   1B   NUM_LF_METRICS

SANITY 4B

    +00   4B   0xD2887682

FILE_FOOTER

    JSON

PACKET[ ] ?B

    ...user defined

Available packet fields:

    2b READOUT   = {A,C,G,T}   = [0,4)
    3b DEL_TAG   = {A,C,G,T,N} = [0,5)
    3b SUB_TAG   = {A,C,G,T,N} = [0,5)

    4b DEL_QV   = [0,16)
    4b SUB_QV   = [0,16)
    4b INS_QV   = [0,16)
    4b MRG_QV   = [0,16)

    8b IPD_LL   = [0,255)
    16b IPD16_LL   = [0,65536)
    8b IPD_V1   = [0,256)

    8b PW_LL   = [0,255)
    16b PW16_LL   = [0,65536)
    8b PW_V1   = [0,256)

    1b IS_BASE   = {0,1}
    1b IS_PULSE   = {0,1}
    3b LABEL   = {A,C,G,T,N} = [0,5)
    3b ALT_LABEL   = {A,C,G,T,N} = [0,5)

    4b LAB_QV   = [0,16)
    4b ALT_QV   = [0,16)

    8b PKMEAN_LL   = [0,255)
    16b PKMEAN16_LL = [0,65536)

    8b PKMID_LL   = [0,255)
    16b PKMID16_LL   = [0,65536)

HF_METRICS[ ] ?B

    ...user defined

MF_METRICS[ ] ?B

    ...user defined

LF_METRICS[ ] ?B

    ...user defined

Available metric fields:
    16b BASE_WIDTH
    16b BASELINE_GREEN_MEAN
    16b BASELINE_GREEN_SD
    16b BASELINE_RED_MEAN
    16b BASELINE_RED_SD
    16b NUM_BASES
    16b NUM_FRAMES
    16b NUM_HALF_SANDWICHES
    16b NUM_PULSE_LABEL_STUTTERS
    16b NUM_PULSES
    16b NUM_SANDWICHES
    16b PKMID_A
    16b PKMID_C
    16b PKMID_G
    16b PKMID_T
    16b PULSE_WIDTH