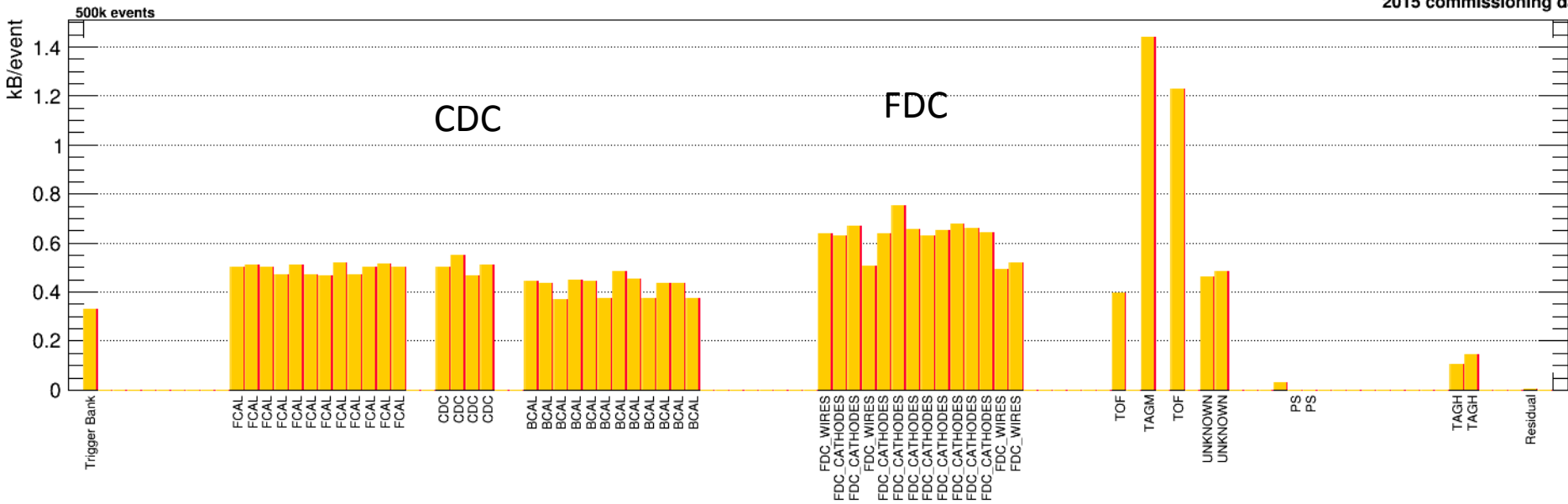


kB per event by VME crate for run 2931 file 1

May 6, 2015 DL
sim-recon: svn 18239
2015 commissioning data



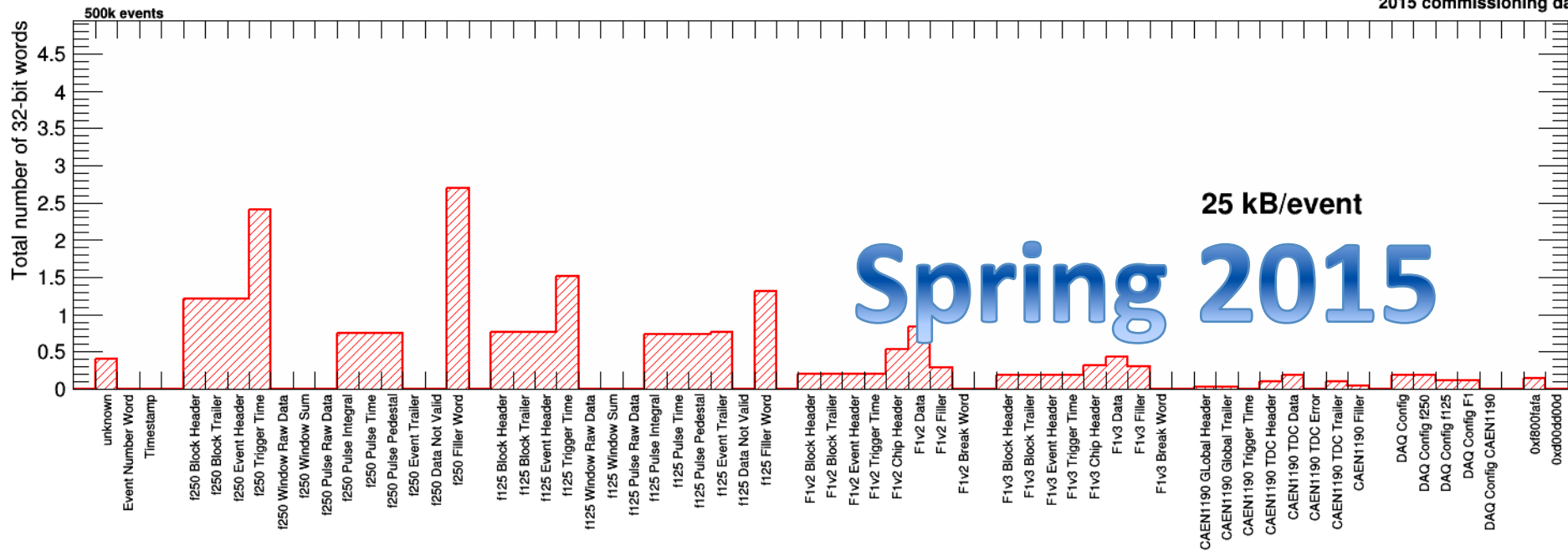
32-bit word types in EVIO event

Number of words in 100k events for run 2931 file 1

May 8, 2015 DL

sim-recon: svn 18239

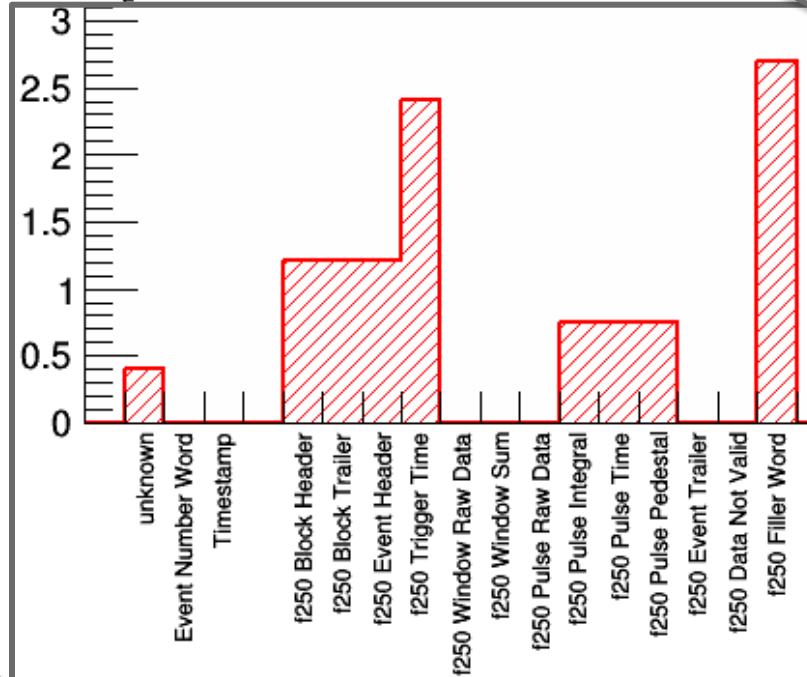
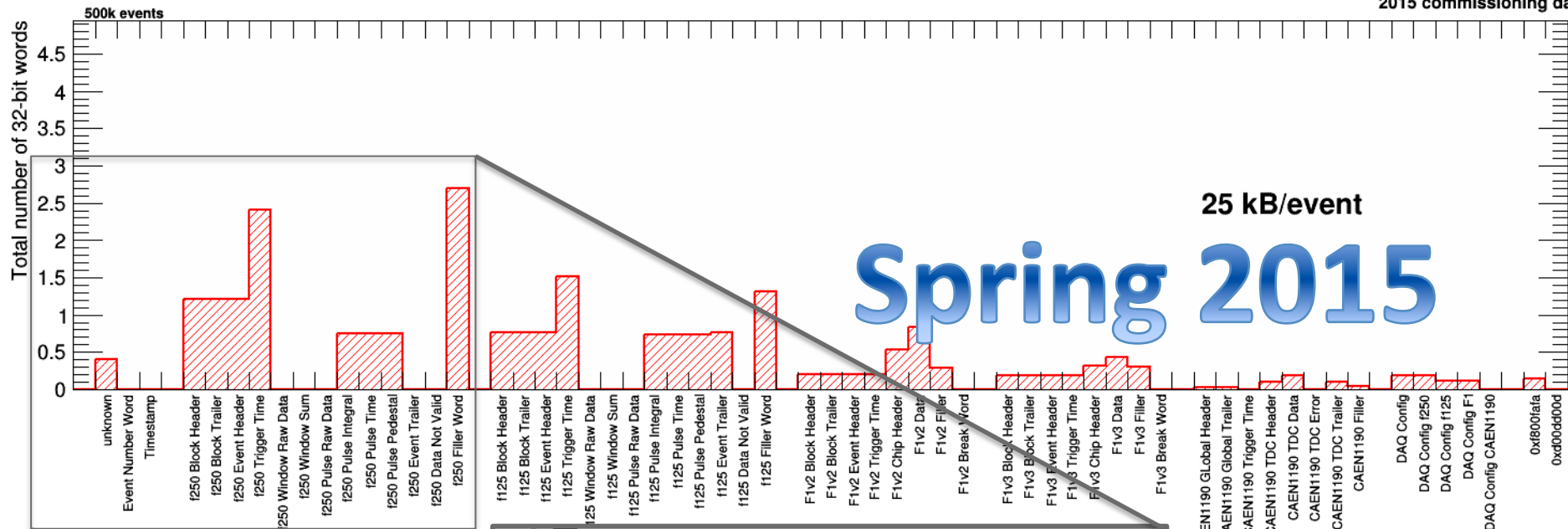
2015 commissioning data



32-bit word types in EVIO event

Number of words in 100k events for run 2931 file 1

May 8, 2015 DL
sim-recon: svn 18239
2015 commissioning data



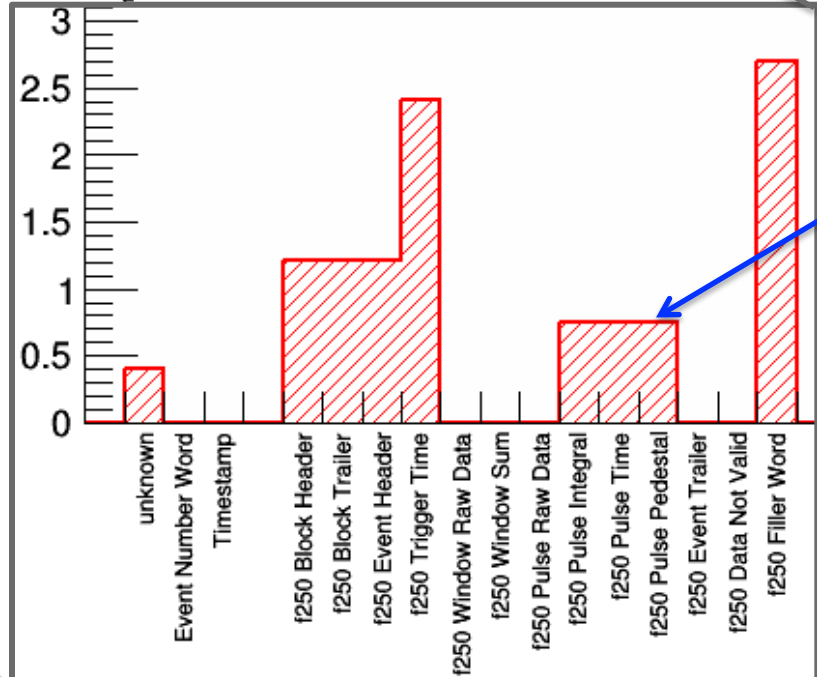
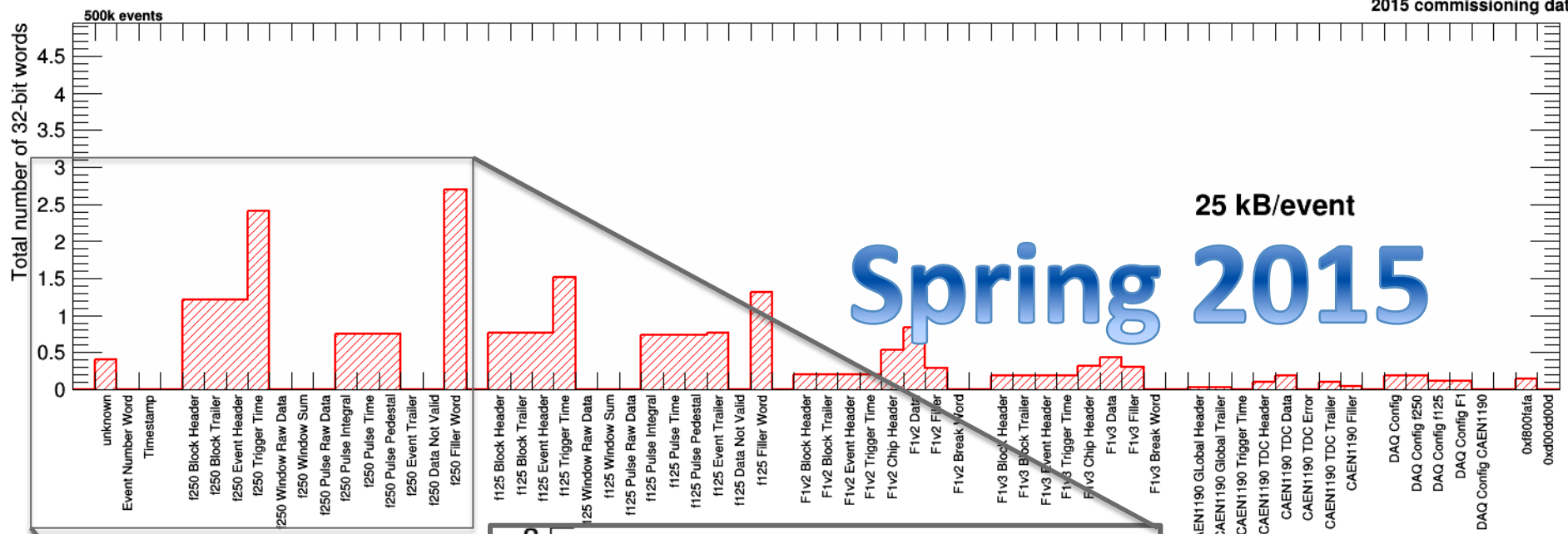
32-bit word types in EVIO event

Number of words in 100k events for run 2931 file 1

May 8, 2015 DL
sim-recon: svn 18239
2015 commissioning data

25 kB/event

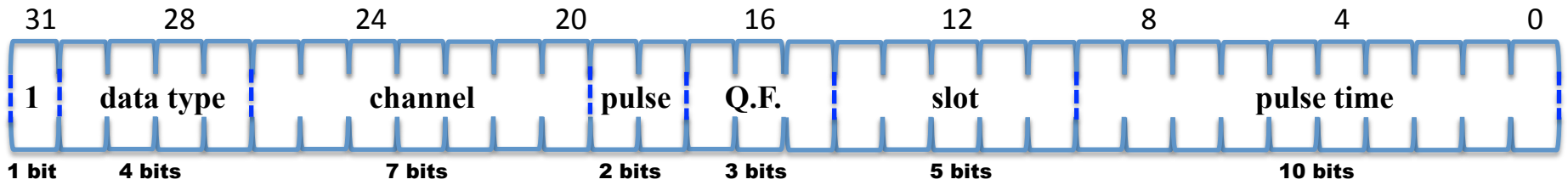
Spring 2015



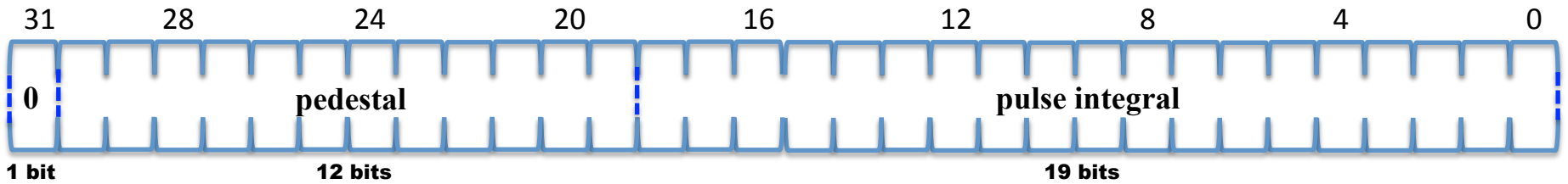
fADC 250 Pulse pedestal words contribute ~1.5% to file size

Option 1: Coupled words w/ pedestal

First word

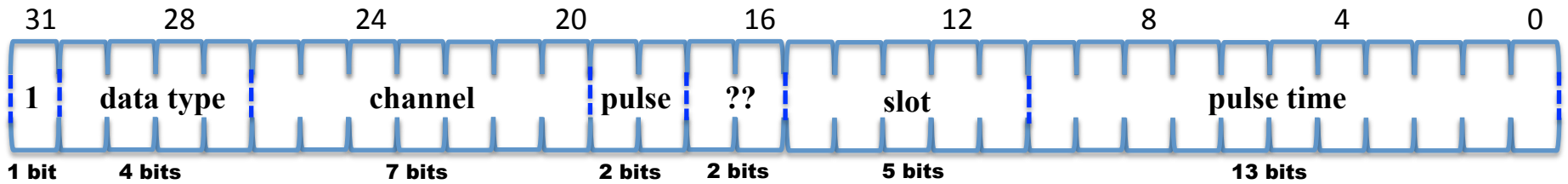


Second word

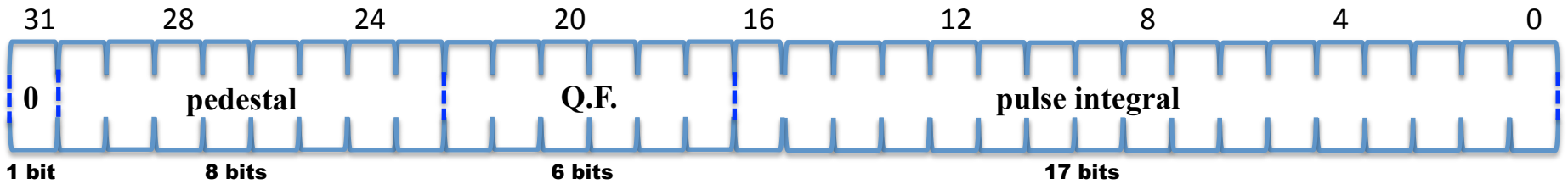


Option 1a: Coupled words w/ pedestal

First word

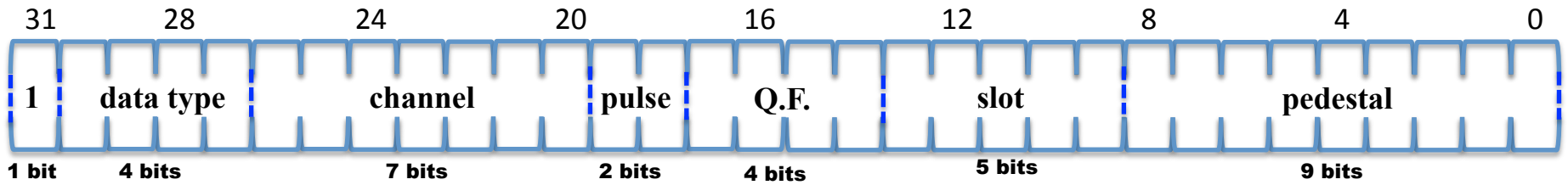


Second word

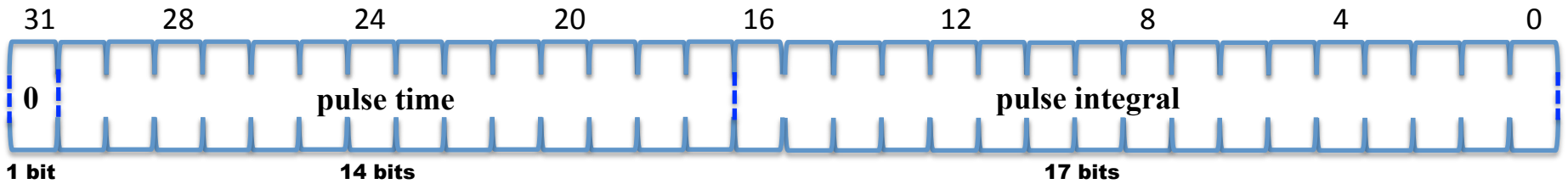


Option 1c: Coupled words w/ pedestal

First word

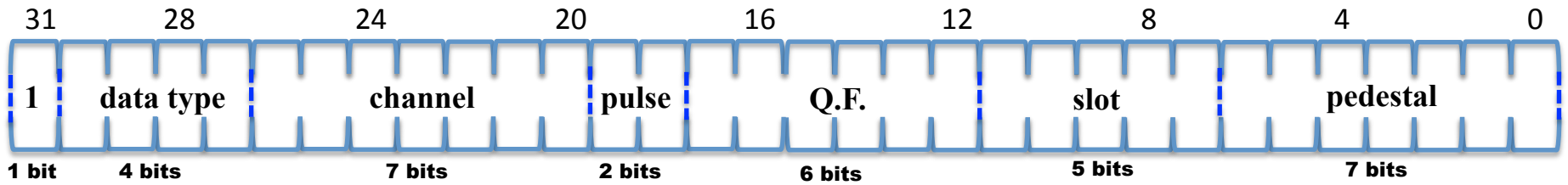


Second word

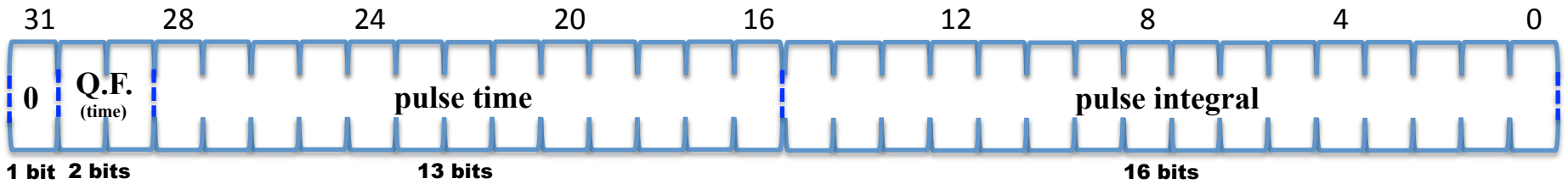


Option 1d: Coupled words w/ pedestal

First word

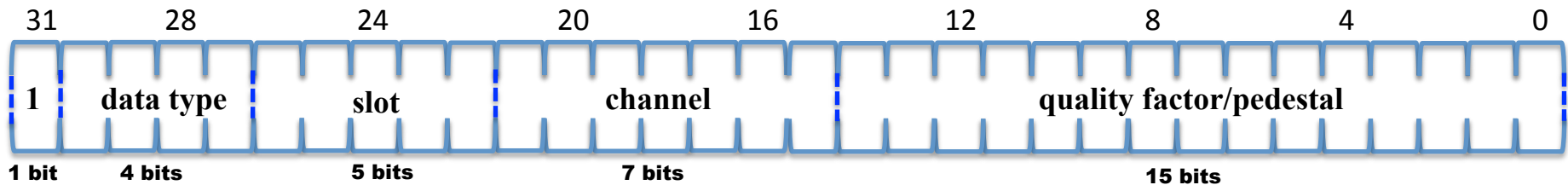


Second word

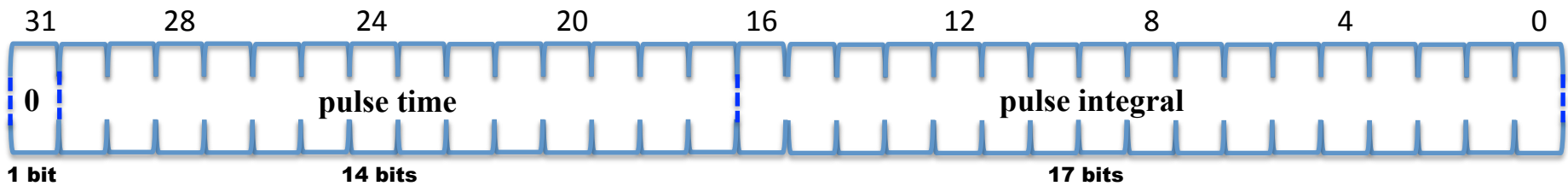


Option 1e: Coupled words w/ pedestal

First word



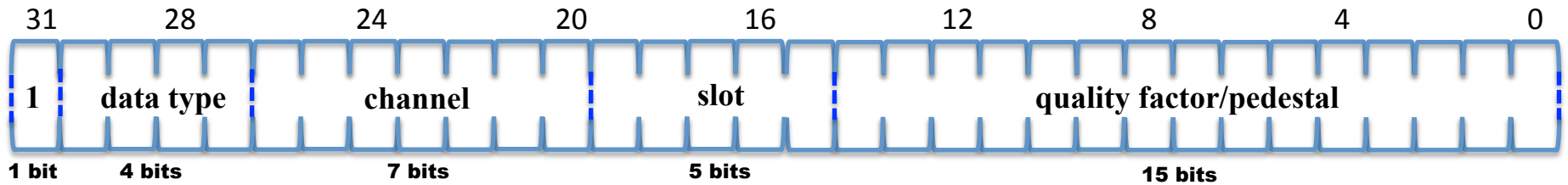
Second word



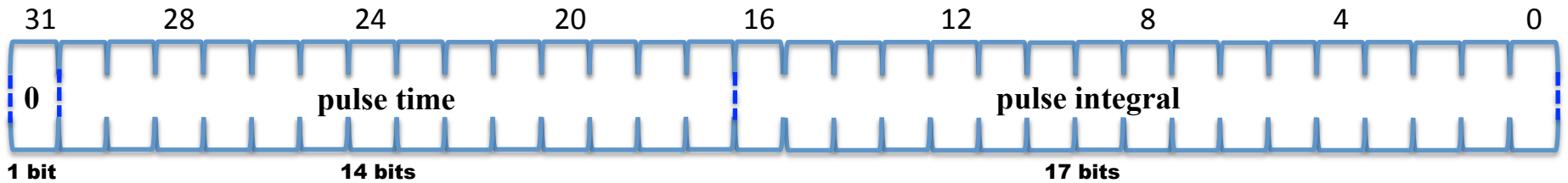
The quality factor/pedestal value will be used to hold some combination of quality factor and pedestal. The exact assignment of bits for these will be worked out by Naomi who has developed the algorithm for identifying pulses and extracting times.

Option 1f: Coupled words w/ pedestal

First word



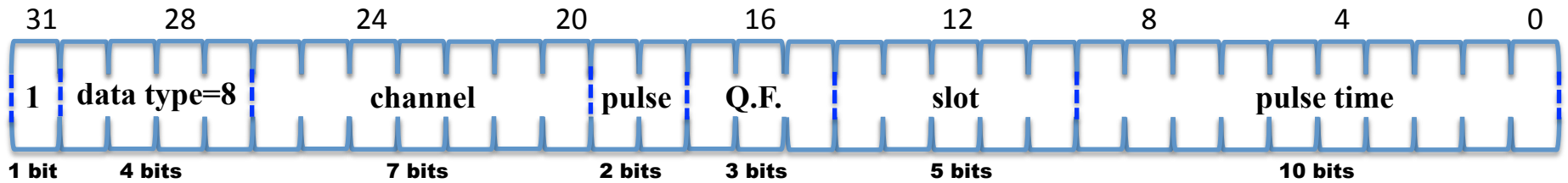
Second word



The quality factor/pedestal value will be used to hold some combination of quality factor and pedestal. The exact assignment of bits for these will be worked out by Naomi who has developed the algorithm for identifying pulses and extracting times.

Option 2: De-coupled words w/o pedestal

First word: Pulse time



Second word: Pulse integral

