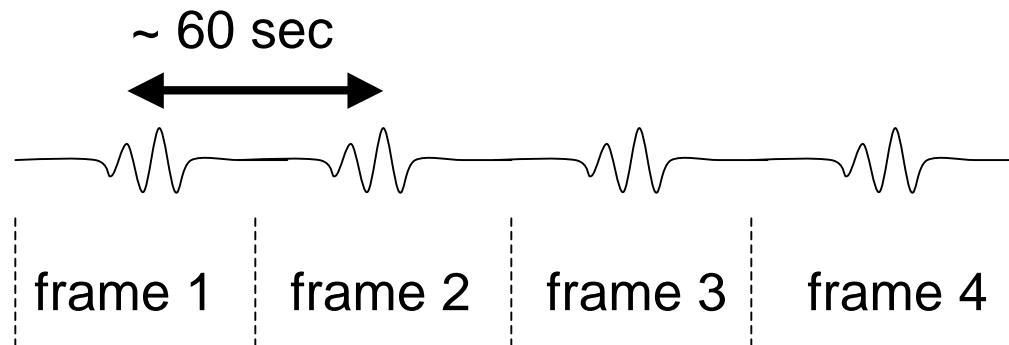


GRB070201 MDC Waveforms

- white noise bursts:
 - 100ms, 250 +/- 150 Hz
 - 1200ms, 500 +/- 400 Hz
- sine-Gaussians:
 - $f_0 = 100, 150, 250, 554, 1000, 1850$ Hz
 - $Q = 4.5, 9, 18$
 - linear & circular polarization
- inspirals:
 - 1.4-1.4 (NS-NS) & 1.4-10 (NS-BH)
 - distance: 770kpc
 - random inclination & polarization
- Sutton: currently producing inspiral frames; WNB & SG to follow

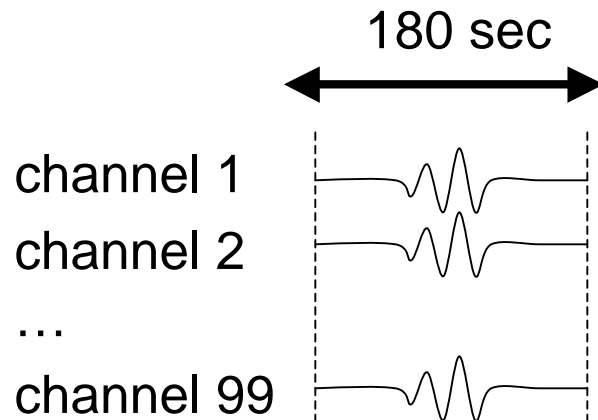
Standard burst MDCs

- One channel, many frames, e.g.:
 - frames: HLV-BURSTINJ-700000000-60.gwf, HLV-BURSTINJ-700000060-60.gwf, ...
 - channel: H1:DFM_A1B2G1



ExtTrig MDCs

- Want to do many simulations in the on-source time (180 sec).
 - injections overlap in time
- Argues for many channels in one frame, e.g.:
 - frames: HLV-BURSTINJ-700000000-180.gwf
 - channel: H1:DFM_A1B2G1_1, ..., H1:DFM_A1B2G1_99



Each channel holds one injection.
Requires modifying how current pipelines read/use MDCs.