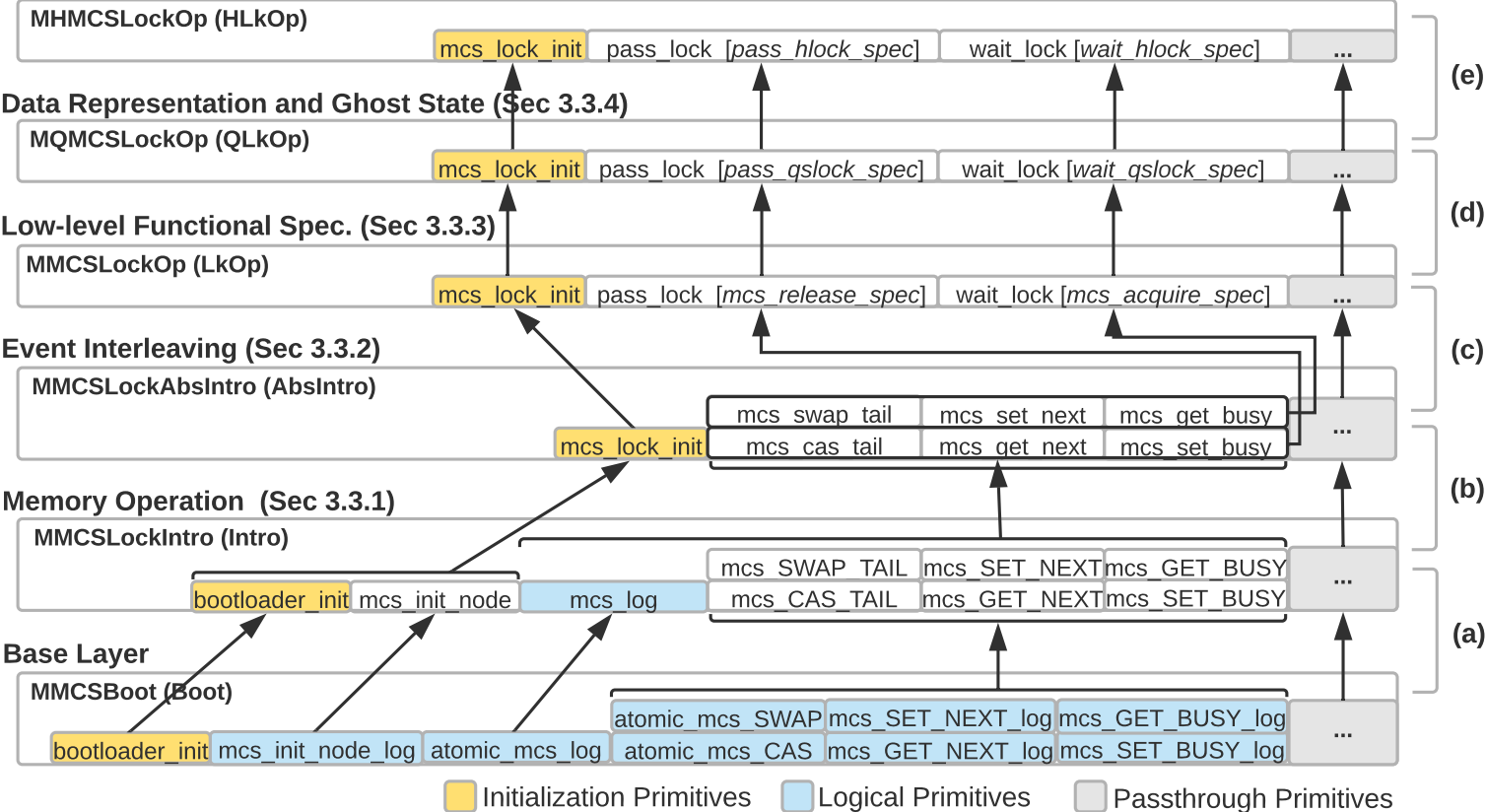


### Liveness and Atomicity (Sec 3.3.5)



- (a) Abstract memory operations into events
- (b) Combine getter / setter primitives with logical interleaving primitive (`mcs_log`)
- (c) Prove functional correctness
- (d) Add ghost state
- (e) Prove liveness and provide atomic specifications