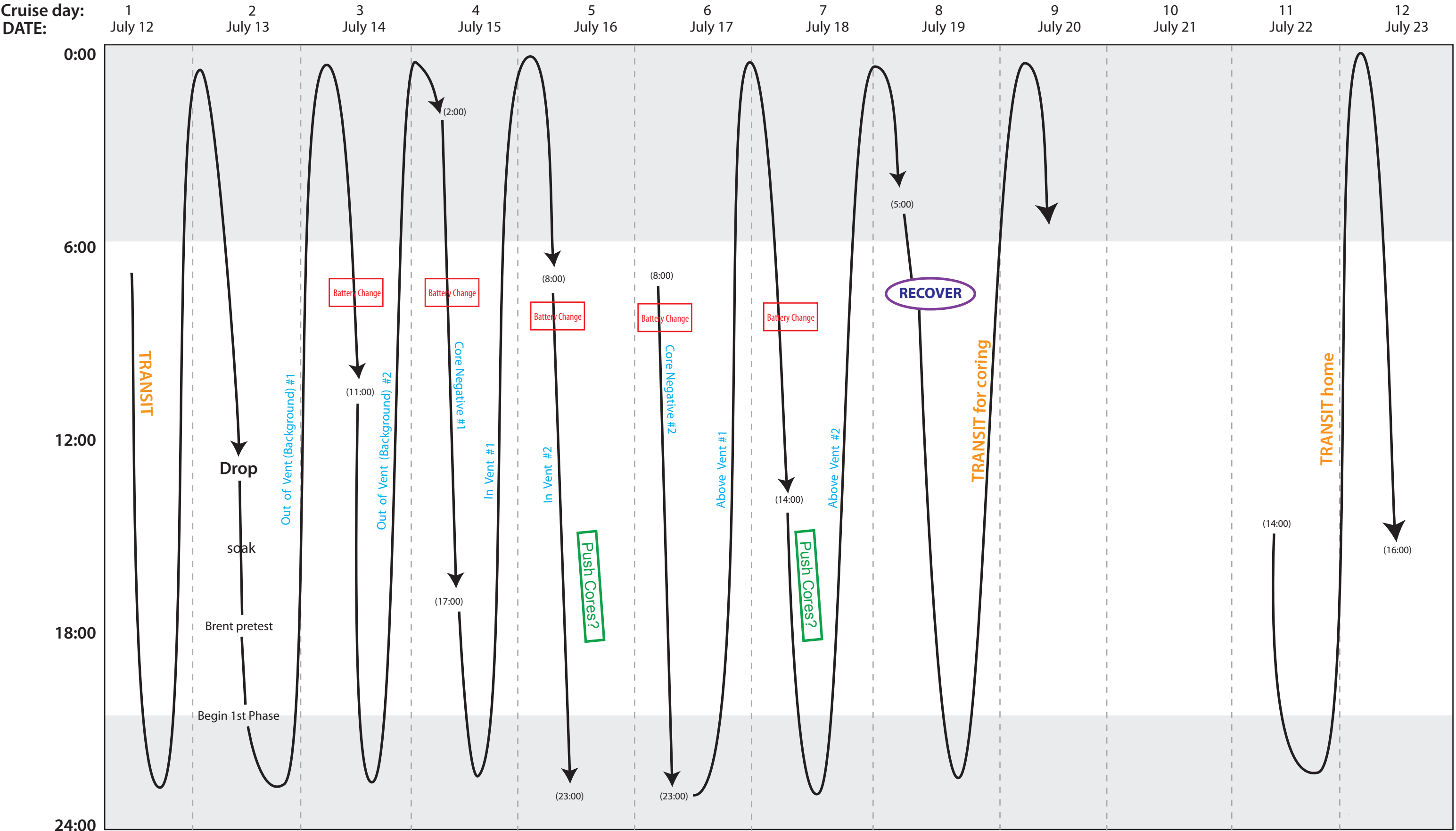


D-ESP Juan de Fuca Cruise, July 2011



Out, In, and Above Vent phases consist of PCR with Array & WCR plus 4 standalone WCR's (these are known as "SuperPhase"s --each takes 15 hrs to complete)
Core Negative = Sandwich hyb assay & WCR, Core/MFB negative test, plus 1 standalone WCR (15 hour run time)