



*WWH-OBD*

“Failure Hierarchy”  
DRAFT USEPA Proposal  
Tokyo November 2004



## *Proposed MI Logic (Failure Hierarchy)*

- ✚ Proposal approved at USEPA staff level.
  - ☒ No management approval at this time.



## *MI Logic (DRAFT USEPA Proposal)*

	< X Miles	> X Miles
Threshold monitors, including sensors & actuators needed to monitor aftertreatment devices & EGR	MI always ON	60s MI at startup
Comprehensive Component Monitors (rationality, functionality, circuit)	60s MI at startup	Diagnostic trouble code only

- ⊕ DTC always stored when MIL commanded ON.
- ⊕ "X" miles to be determined; may vary by weight class; may vary by region.
- ⊕ Protocol (SAE/ISO) must include a simple way for mfr/inspector/repair tech to 'toggle' MIL activation depending on area of vehicle registration such that a CA registered vehicle could be toggled to "MIL always ON" for all malfunctions or any other variant on the basic theme shown in the table.