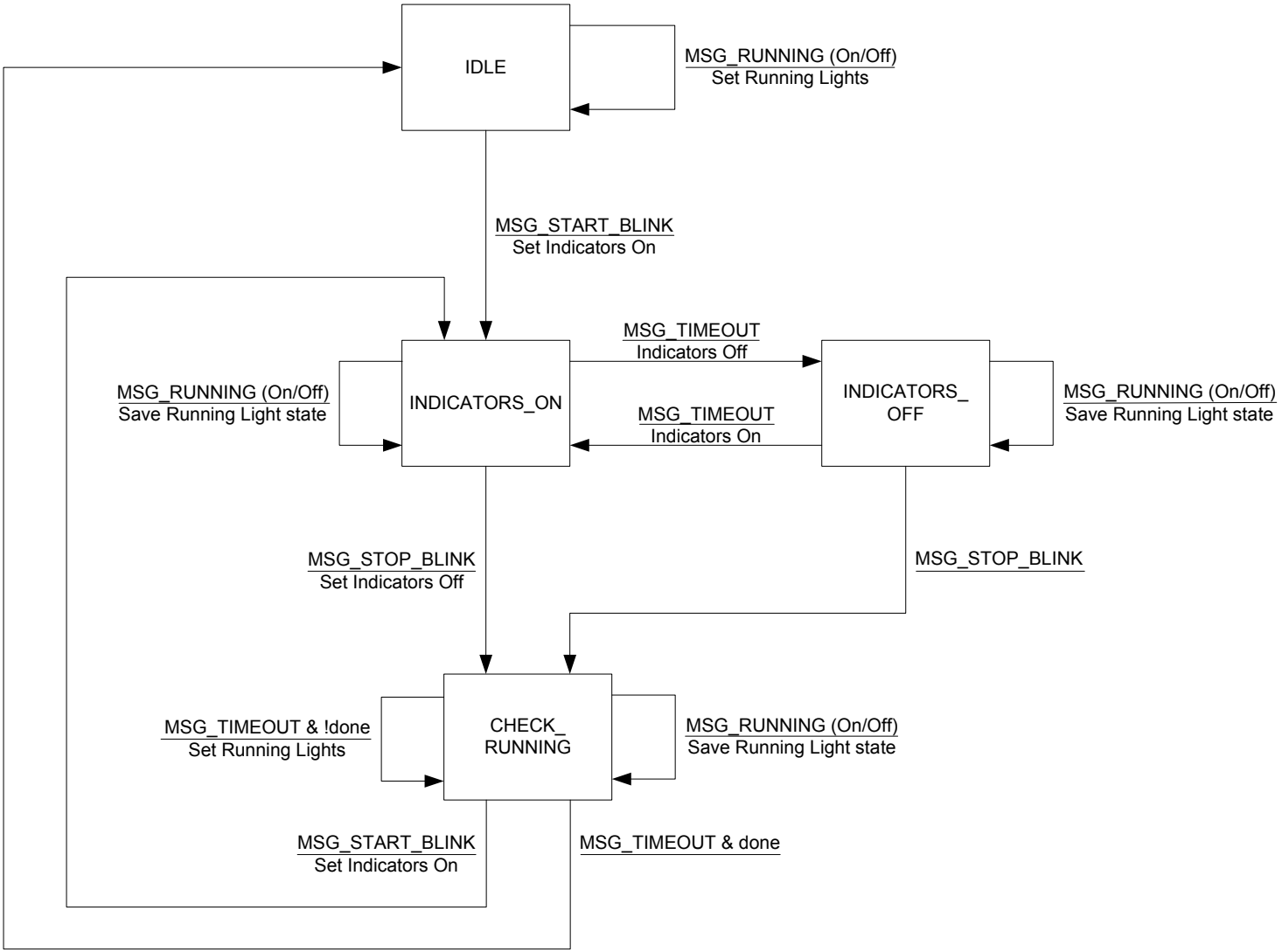
state machine for Indicator Task

version 1.0