

Nalongsone Danddank
 Rich Fritz
 Ryan Kinsella
 Gilbert Ponsness
 Marc Wedo
 ICS372-02
 30 APR 2021

State Transition Table

	Away Button	Stay Button	Cancel Button	Zones Ready	Zone Unready	Movement	Password	Timer Runs Out	Timer Ticks
Ready	Arming (Away)	Arming (Stay)	Ready	Ready	Unarmed	Ready	Ready	Ready	Ready
Arming (Away)	Arming (Away)	Arming (Away)	Arming (Away)	Arming (Away)	Unarmed	Arming (Away)	Arming (Away)	Armed (Away)	Arming (Away)
Armed (Away)	Armed (Away)	Armed (Away)	Disarm (Away)	Armed (Away)	Warning	Warning	Armed (Away)	Armed (Away)	Armed (Away)
Disarm (Away)	Disarm (Away)	Disarm (Away)	Disarm (Away)	Disarm (Away)	Disarm (Away)	Disarm (Away)	Unarmed	Armed (Away)	Disarm (Away)
Arming (Stay)	Arming (Stay)	Arming (Stay)	Arming (Stay)	Arming (Stay)	Unarmed	Arming (Stay)	Arming (Stay)	Armed (Stay)	Arming (Stay)
Armed (Stay)	Armed (Stay)	Armed (Stay)	Disarm (Stay)	Armed (Stay)	Breached	Armed (Stay)	Armed (Stay)	Armed (Stay)	Armed (Stay)
Disarm (Stay)	Disarm (Stay)	Disarm (Stay)	Disarm (Stay)	Disarm (Stay)	Disarm (Stay)	Disarm (Stay)	Unarmed	Armed (Stay)	Disarm (Stay)
Warning	Warning	Warning	Warning	Warning	Warning	Warning	Unarmed	Breached	Warning
Breached	Breached	Breached	Breached	Breached	Breached	Breached	Unarmed	Breached	Breached
Unarmed	Unarmed	Unarmed	Unarmed	Ready	Unarmed	Unarmed	Unarmed	Unarmed	Unarmed

State Transition Diagram

