

SDACS



Mk 142 Kinetic Warhead Solid Divert and Attitude Control System for SM-3



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Controllable propulsion for the endgame

- Multipulse gas generator supplies main divert and attitude control valve assemblies with high-thrust hot gas for KW pitch, yaw and roll control
- Pulse capability enhances midcourse and endgame maneuvering capabilities
- High-temperature fluidic diverter valves provide low-weight, fast-response solutions for thrust management
- Successfully supported SM-3 ascent and descent phase intercepts including aim-point selection for direct hit-to-kill intercept
- Thirteen successful flight tests have resulted in deployment of the SM-3 with its Mk 142 kinetic warhead with Solid divert and attitude control system (SDACS) on Navy ships



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