

# Counter Materiel Directed Energy



## WHAT ARE THEY?

Radio Frequency (RF) High Power Microwave (HPM) Directed Energy (DE) Weapons systems seek to stop vehicles, vessels, and other systems with High Power Radio Frequency (HPRF) electro-magnetic energy. Counter-Vehicle/Vessel DE systems support National Defense Strategy objectives with practical tools to protect bases, security perimeters, ports and harbors.



*High Power Microwave*

## OPERATIONAL IMPACT:

Provides agile options that allow the Joint Force to compete, deter and win in complex security environments, such as:

- Defending the Homeland
- Deterring aggression
- Defending U.S. interests below armed conflict
- Full-scale war

## FUTURE EFFORTS:

- Develop deployable prototypes
- Operational assessments
- Emphasize platform compatibility and integration

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