



Dillon Aero M134D: Hard Kill Solution for Suicide Boat Threat.

Presented to:

Navy Leaders Combined Naval Event,
23 May 2023 @ 1645 Farnborough, UK

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DILLON AERO

Hard Kill Solution for Suicide Boat Threat.



Dillon Aero, Inc.

- ▶ Established 1989
- ▶ Manufacture the M134D 7.62 x 51 “Minigun”
- ▶ Mounts for Land, Air & Sea Applications
- ▶ Naval Mounts Small, Medium and Large Ships

- ▶ Program of Record with US SOCOM since 2003
- ▶ Over 1100 US Gov’t contracts fulfilled since 2000
- ▶ 40+ International customers
- ▶ Available via FMS, FMF, BPC or DCS
- ▶ NATO certified – France, Germany, United Kingdom and others

- ▶ Installation, Operation & Maintenance Training, Technical support
- ▶ 900 Acre Live Fire Range Complex
- ▶ ISO 9001:2015 Certified
- ▶ Located in N. Phoenix
- ▶ **Defense / Military**



- ▶ 6 barreled, electrically driven
- ▶ Battery Powered (stand alone or with trickle charge from ships power)
- ▶ Fully Charged Battery will shoot 9K-12K rounds
- ▶ Chambered in 7.62 x 51mm NATO
- ▶ Rate of Fire: **50 Shots a second** for a **3000 rounds per minute rate**
- ▶ 6 barrels allow for repeated bursts without damage to the weapon
- ▶ 1-5 second bursts very effective
- ▶ **Quickly Achieve Target Saturation**
- ▶ **Deter Suppress Defeat**



Proven Effective for the Following Missions

- ▶ Naval Interdiction / Anti-Piracy
- ▶ Offshore Critical Asset Protection
- ▶ Port / Harbor Security
- ▶ Counter Narcotics and Illegal Arms Trafficking
- ▶ **Defeat / Neutralize Small Boat IED threat (USV or Suicide)**

- ▶ Vehicle Interdiction, Border Patrol
- ▶ Counterinsurgency Operations
- ▶ Helicopter Close Air Support

503D .50 Cal Gatling Gun

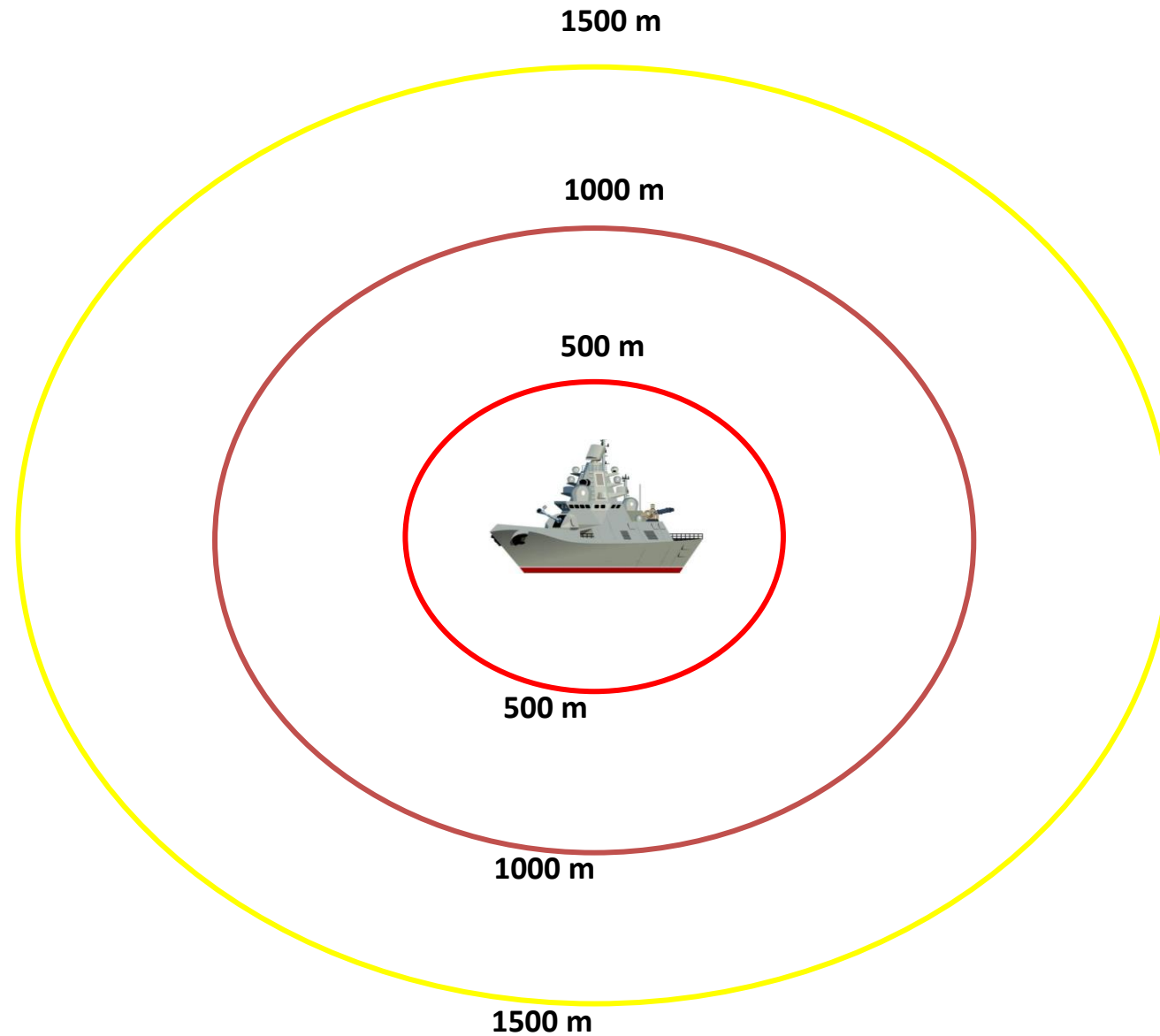
- ▶ 3 barreled, electrically driven
- ▶ Chambered in .50 BMG (12.7 x 99mm NATO)
- ▶ Firing Rate: 1250 to 1500 rounds per minute
- ▶ Recoil Force \leq M2 / M3
- ▶ Commonality w/ the M134D
 - ▶ Drive Motor, Clutch
 - ▶ Gun Control Unit
- ▶ LRIP Guns Ready Q4 2023
- ▶ Production Guns for delivery in 2024



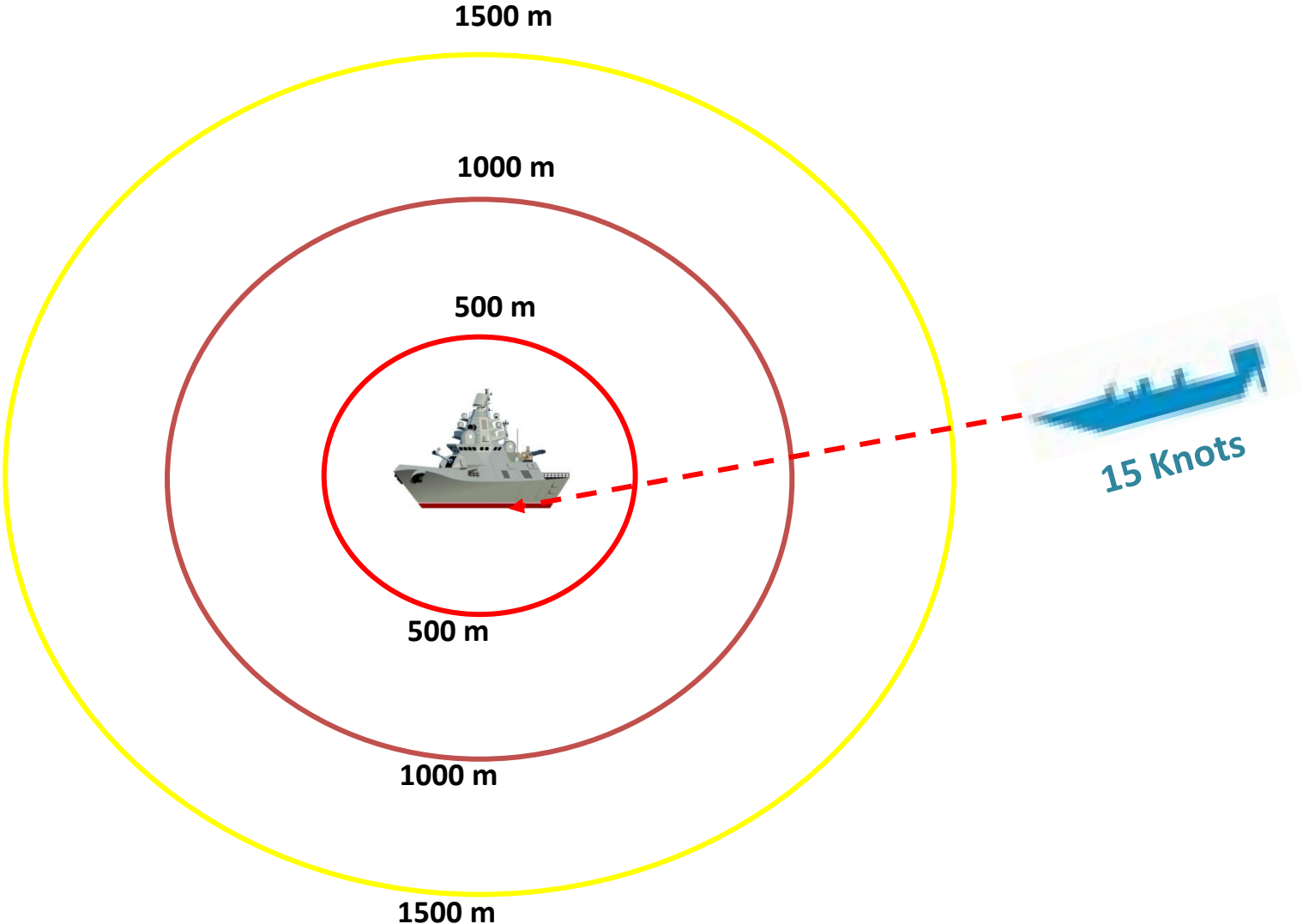
A few of the many dangerous areas for Naval Vessels



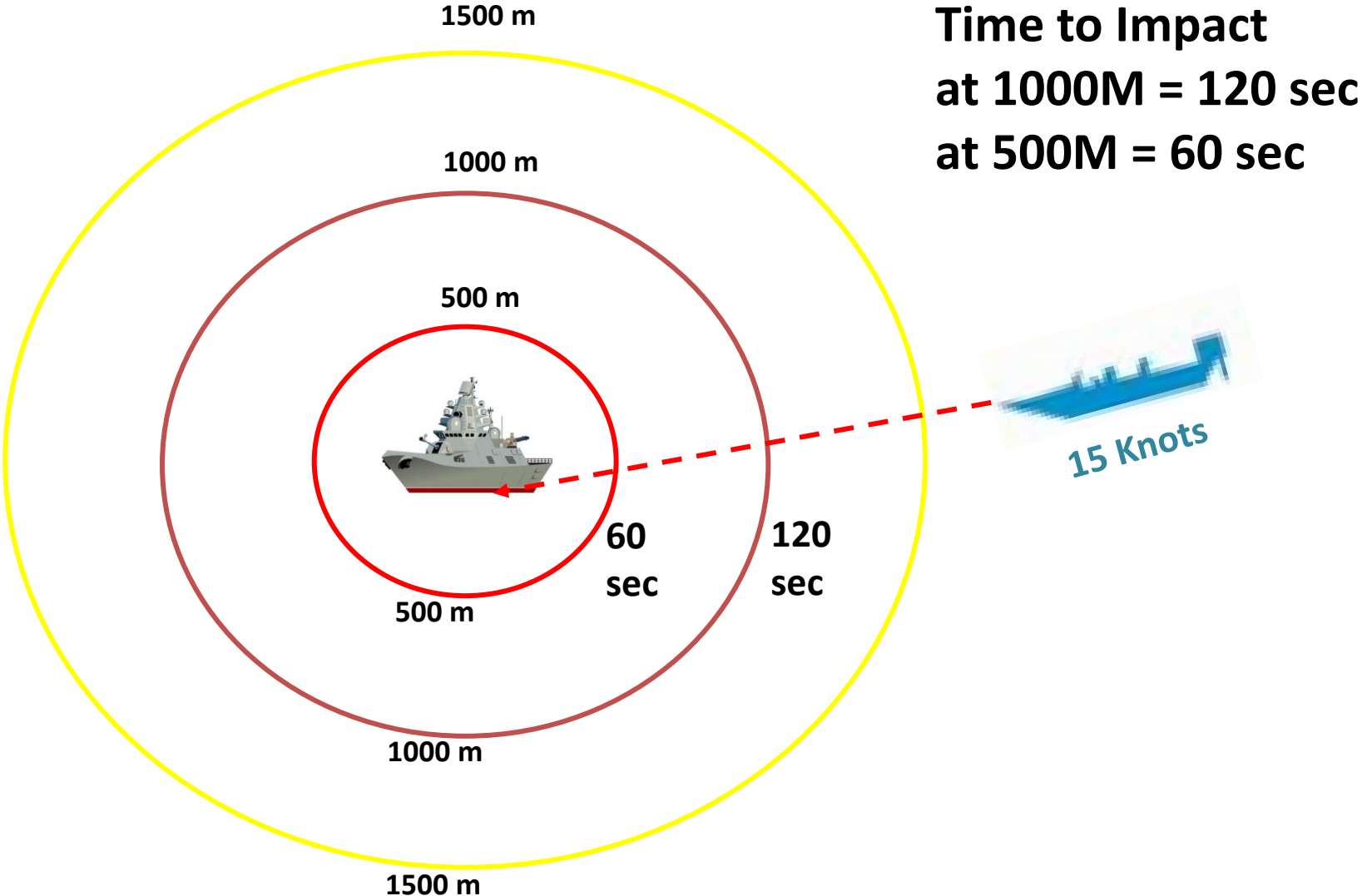
Reaction Time to Suppress / Defeat a Threat by a Suicide Boat



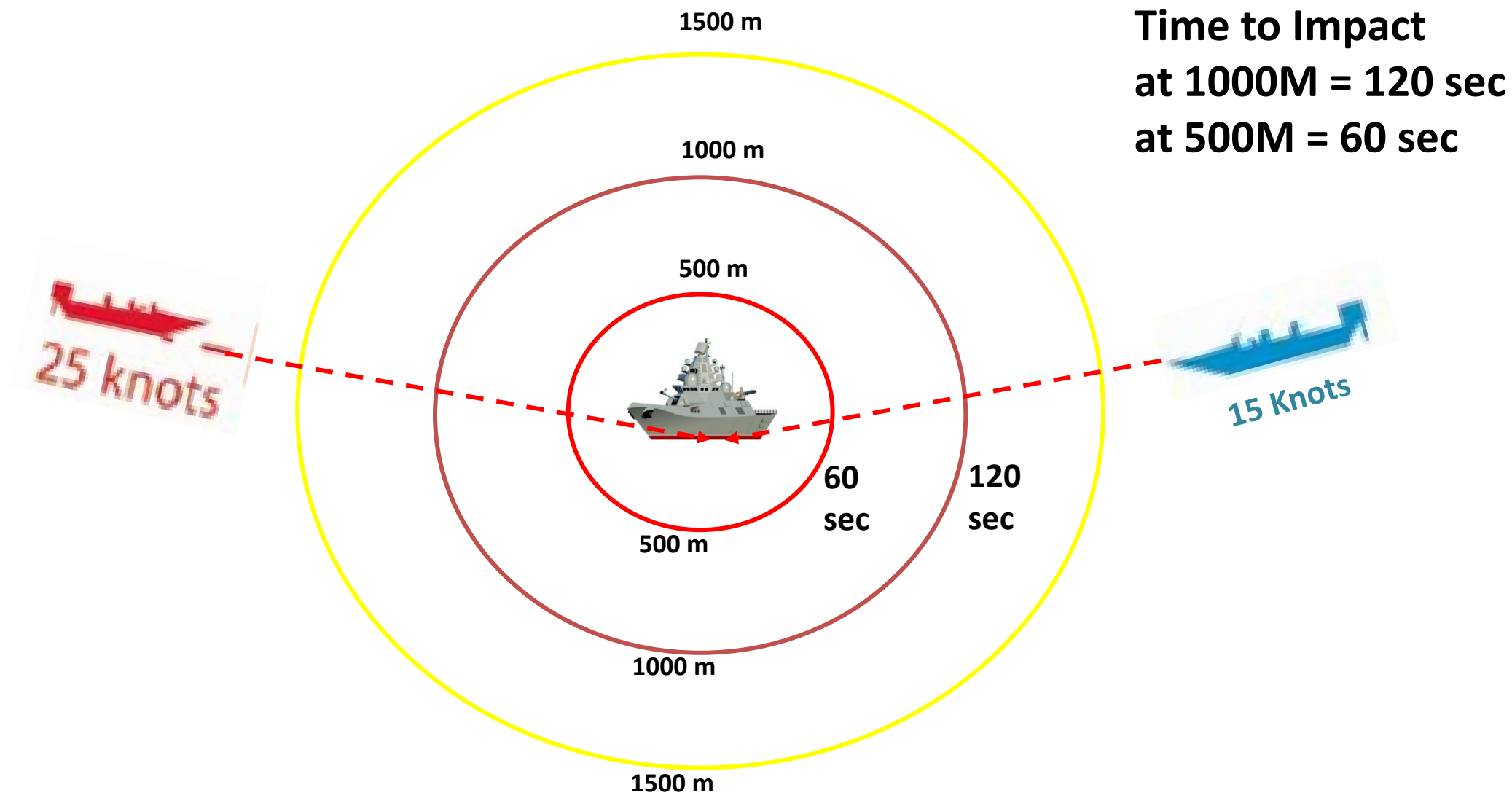
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Reaction Time to Suppress / Defeat a Threat by a Suicide Boat



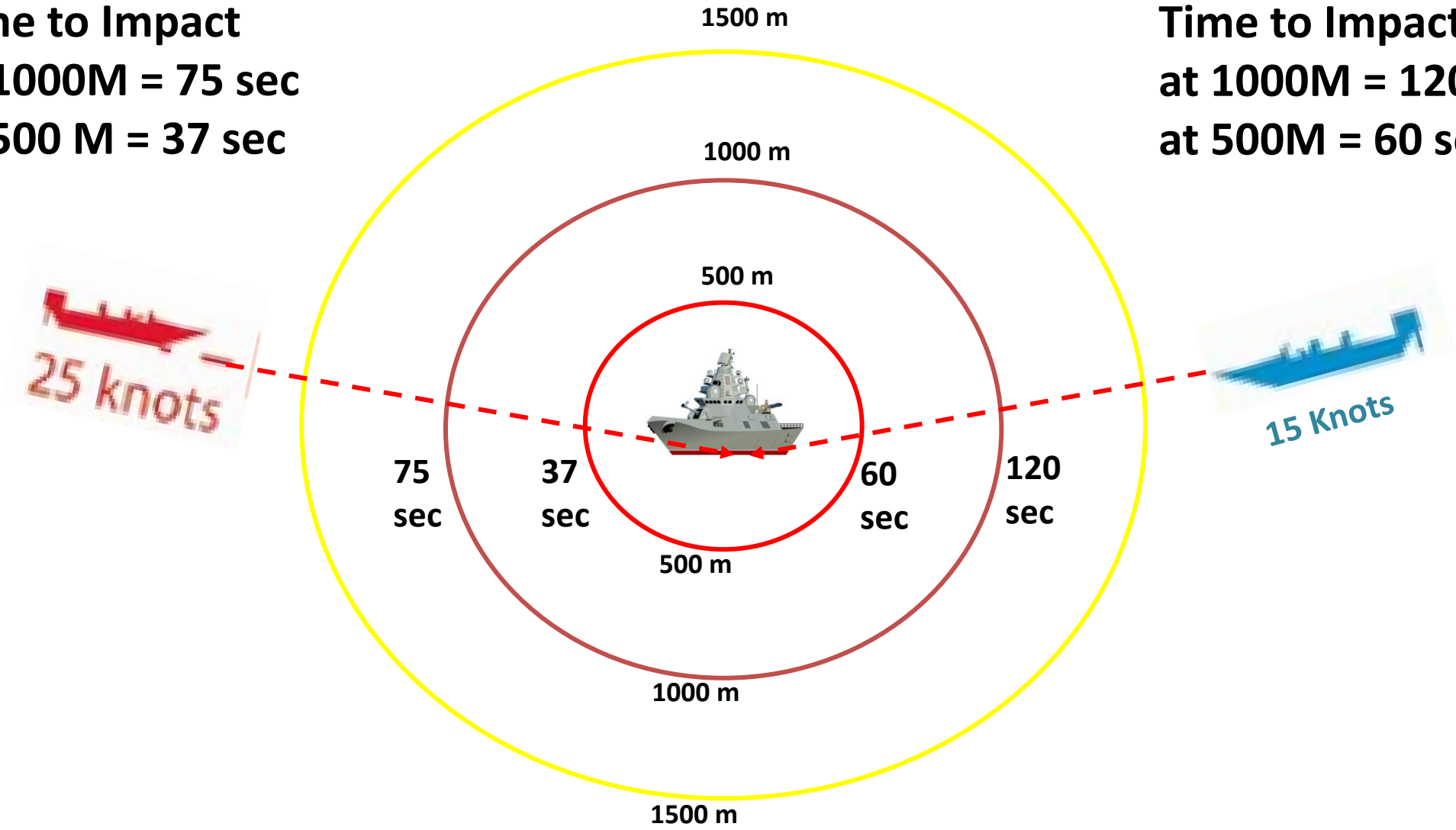
Reaction Time to Suppress / Defeat a Threat by a Suicide Boat



Reaction Time to Suppress / Defeat a Threat by a Suicide Boat

Time to Impact
at 1000M = 75 sec
at 500 M = 37 sec

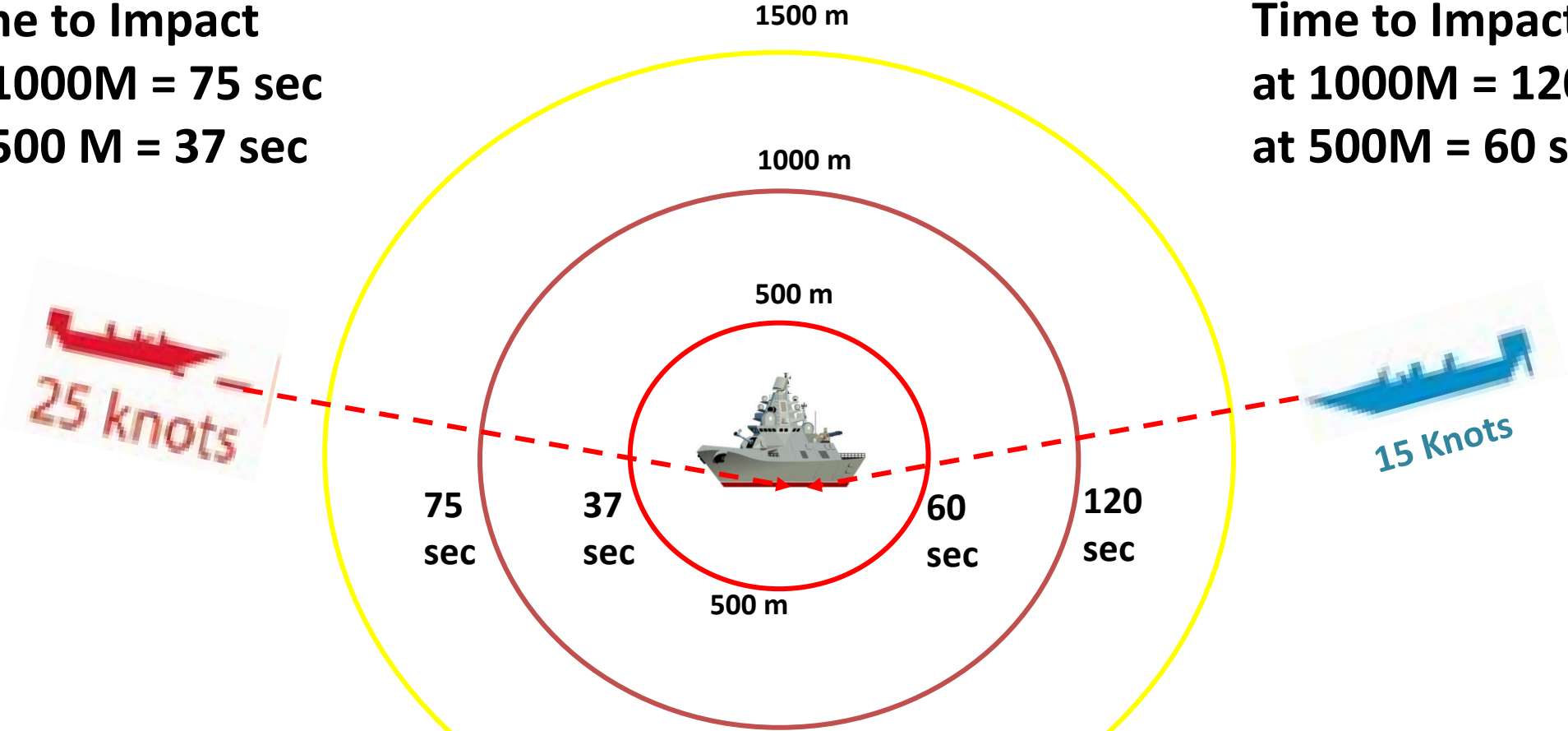
Time to Impact
at 1000M = 120 sec
at 500M = 60 sec



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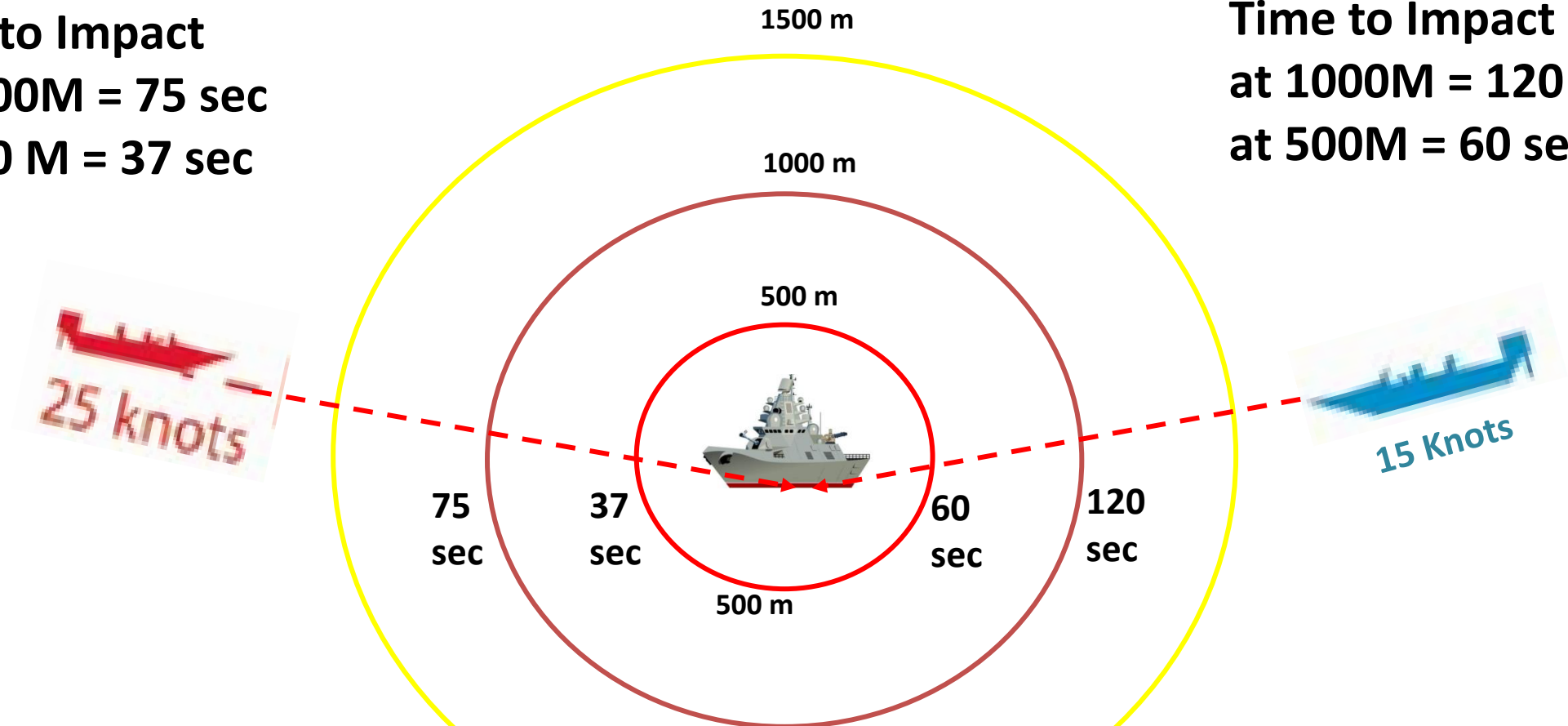


The Dillon M134D 7.62 x 51mm Gatling gun
shoots @ 50 rounds per second or 3000 rounds per minute

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Deter, Suppress, Defeat Threats with a Dillon M134D



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M134Ds Currently in Service



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M134Ds Currently in Service





M134D Naval Deck Mount

- ▶ Easily installed on any maritime platform
- ▶ Requires only 2.5' x 2.5' of deck
- ▶ Currently in service with U.S. and International Navies



Naval Applications

- ▶ MK-5 Special Operations Boats
- ▶ Rigid Hulled Inflatable Boats
- ▶ Frigates
- ▶ Destroyers
- ▶ Blue Water Ships
- ▶ Riverine Vessels
- ▶ Hovercraft

Levels of Control

- ▶ Manually Operated - Responsive to multiple threats
 - ▶ Lowest Cost
 - ▶ Basic Operator Training

- ▶ Manually Operated / Gyro Stabilized Mounting (Flex Force Mount)
 - ▶ Increased accuracy at max range
 - ▶ Operator Training: Basic & Gyro Mount

- ▶ Remote Weapons Station (MSI, et al)
 - ▶ Higher cost, Flexibility in personnel placement



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M134D on Gyro Stabilized Mount





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MSI Remote Weapons Station

Weapon Options



M2HB - 12.7mm

1400m

1700m

General Purpose

AP, APDS &
APFSDS-T



M134D Minigun - 7.62mm

1000m



RWS

Remote Weapon Station

Small calibre, fully stabilised RWS for littoral and land operations

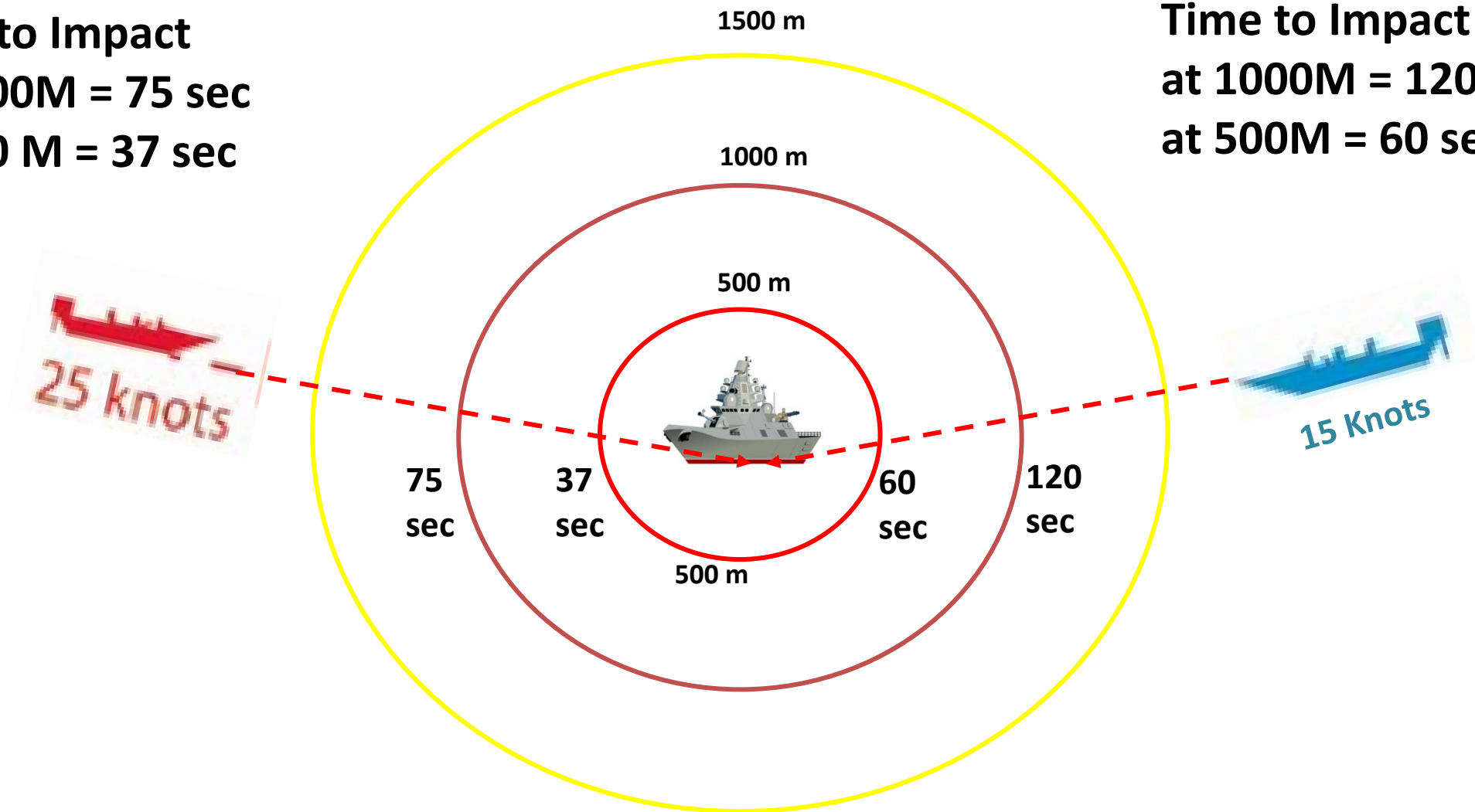
Always one step ahead of evolving threats

When Time is Critical

Deter, Suppress, Defeat Threats with a Dillon M134D

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at 1000M = 75 sec
at 500 M = 37 sec

Time to Impact
at 1000M = 120 sec
at 500M = 60 sec



Reliability and Accuracy like no other Weapon System

Customer focused products, backed by
realistic training and support

AIR



LAND



SEA



Questions ?

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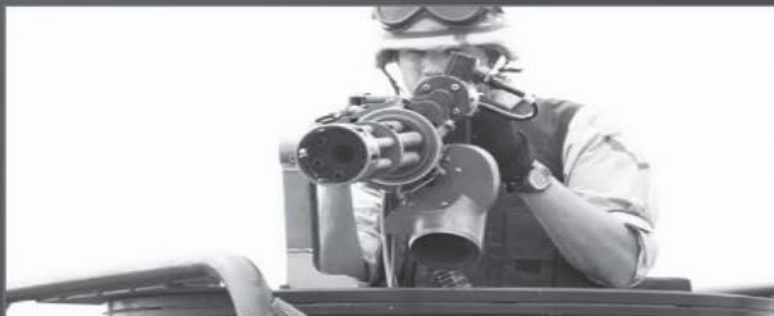
<https://www.youtube.com/channel/UC4l0EeP14BxZk9ywUj9w3mQ>

<https://www.instagram.com/dillonaeroinc/>

Closing Remarks:
Guests are always welcome for a full factory tour and demonstration.

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LAND



AIR



SEA



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