

MARITIME BRIMSTONE

ADVANCED MULTI-ROLE NAVAL WEAPON SYSTEM FOR MARITIME VESSELS

Maritime Brimstone is the maritime surface-launched member of the battle-proven Brimstone weapon system family. This most capable system provides a unique all-weather, rapid response capability against a wide range of target types including a simultaneous engagement capability to counter swarming Fast Inshore Attack Craft and amphibious raiding forces.

Maritime Brimstone is the latest member of the proven Brimstone Weapon System family; building upon the successful deployment of Brimstone into front line operations with the RAF and growth onto rotary platforms and land (tracked and wheeled) vehicles. Operationally deployed in the Afghanistan, Libya and Syria conflicts, Brimstone has proved to be the weapon of choice with its unique ability to perform both surgical strikes and salvo engagements in time critical missions with a true all weather capability.

Maritime Brimstone has been designed to be modular and can be integrated to a wide variety of vessel types/classes.

- Battle proven, all-weather, rapid fire-and-forget capability against a wide target set
- Provides maritime vessels with unique multiple, simultaneous engagement capability against fast, manoeuvring and static targets
- Latest generation of the highly effective Brimstone missile.
- Autonomously guided missile using advanced Millimetric Wave radar seeker
- Upgradable path to maximise full Brimstone Dual Mode seeker capability
- Simple integration and operation to enable low operator workload and high operational performance

Operational advantages

- **Builds upon in service and combat proven air launched Brimstone and the growth in surface launched Brimstone**
- **Pinpoint accuracy and low collateral damage**
- **Proven effectiveness against both static and moving/manoeuvring targets**
- **Multiple, simultaneous engagement capability**



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MARITIME

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Vessels armed with Maritime Brimstone offer an unrivalled rapid engagement capability against the swarming threat and the option of pin point kill in cluttered shipping lanes.

Seeker
- Active Millimetric Wave (mmW) radar
- Semi-Active Laser (SAL)

Mode of engagement
- Single target, multiple target, or salvo engagement modes

Navigation and guidance
- Inertial mid-course navigation and seeker determination for target acquisition

Warhead
- Tandem shaped charge warhead effective against a wide variety of naval and land targets
- Flexible impact, delay and proximity fusing modes to defeat wide target set

Propulsion
- Solid rocket motor

Operational characteristics
- Fire and Forget; Lock-on after launch with autonomous guidance
- High precision, proven against fast moving Fast Inshore Attack Craft targets.
- Capability to engage and defeat multiple targets simultaneously
- Large stand-off range provides ability to protect large areas and stay outside of the enemy's effective weapons range
- Operation in all weather, day and night
- Simple to operate; defeat swarming targets with one button push
- Low operator workload with the ability to be able to conduct rapid short notice engagements
- Tandem-shaped warhead is highly effective against Fast Attack Craft, Fast Inshore Attack Craft and amphibious raiding forces
- Modular ship architecture enabling simple integration on large number of maritime platforms
- Combat proven missile

Technical characteristics/specifications

Weight:	**50kg**
Length:	**1.8m**
Diameter:	**180mm**
Guidance:	**Millimetric wave radar and semi-active laser**
Warhead:	**Tandem-shaped charge**

Seeker
- Millimetric Wave (mmW) radar
- Semi-Active Laser (SAL)

Navigation and guidance
- Inertial mid-course navigation
- Compatible with all STANAG 3733 laser designators

Effect
- Tandem-shaped charge warhead effective against a wide variety of targets
- Defeats all known conventional and reactive armour
- Minimal collateral damage

Propulsion
- Cast double base propellant rocket motor
- Strip steel laminate motor case



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