

Navy-Marine Expeditionary Ship Interdiction System (NMESIS)

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NMESIS Latest News

Philippines recently confirmed the deployment of US anti-ship missile system *NMESIS for this year's Balikatan military exercises.

About NMESIS

- It is an **anti-ship missile system** developed **for the US Marine Corps (USMC)** to support land-to-sea attacks performed by the US Navy.
- It **features** the **US Navy's latest anti-ship missile**, the **Naval Strike Missile (NSM)**, **mounted atop** the chassis of an **unmanned variant of the Oshkosh Joint Light Tactical Vehicle (JLTV)**.
- The **ground vehicle platform**, known as **Remotely Operated Ground Unit for Expeditionary (ROGUE) Fires vehicle**, is supplied by Oshkosh Defense, United States, while the NSM is jointly manufactured by Raytheon Missiles & Defense (Raytheon), United States, and Norwegian company Kongsberg Defence &

Aerospace.

- NMESIS is **not considered an autonomous launcher**, as its fire control system is not controlled by the self-driving system and autonomy technology.
- The **system is operated by a marine** who is responsible for mission planning and firing of the missile.

Features of ROGUE Fires

- It incorporates advanced **autonomous vehicle technologies, off-road mobility, and high payload** carrying capacity.
- The vehicle is **remotely operated** using the **teleoperator** or leader-follower modes.
- The vehicle **lacks a crew cab/body**. It is integrated with **sensors and cameras**, with a **launcher mounted atop** the vehicle.
- The **flexible design** of the platform allows it to be configured to meet different mission requirements.

Features of NSM

- It is a **multi-mission cruise missile** that can ably neutralise highly secure maritime and land targets.
- The missile can destroy enemy ships located more than **100 nm (185 km) away**.
- Equipped with an **advanced seeker**, it provides high-precision capabilities.
- The missile can escape enemy radars by performing manoeuvres and flying close to sea level.
- It carries a 226.79 kg-class warhead and programmable fuse.

Source: **N18**

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