



# *Non-Lethal/Tube Launched Munition System (NL/TLMS)*

<http://jnlwp.defense.gov>



*Non-lethal weapons provide our operating forces with escalation-of-force options that minimize casualties and collateral damage.*

## **What Is It?**

The Non-Lethal/Tube Launched Mmunition System (NL/TLMS) is a 40 mm, 30-round, flash-bang launching system that mounts to the gun shield on various vehicles or a ground M3-tripod weapon mount for convoy and vehicle/entry check point operations. The NL/TLMS holds 30 rounds in three cassettes of 10 rounds each, at elevations of 10, 20 and 30 degrees. The NL/TLMS increases security by providing Marine forces with an extended range, escalation-of-force visual warning device when employed against vehicle operators. It also increases force protection and reaction time so that our forces can respond to approaching vehicles.

## **How Does It Work?**

The NL/TLMS is designed to be co-aligned with the crew served weapon system on the turret armor of a tactical vehicle, allowing the system to provide 360 degree coverage. The NL/TLMS will provide Marine forces the capability to respond quickly to potential hostile vehicle operators during convoy and vehicle/entry check point operations by providing a flash bang signal that can be seen and heard during day and night missions. The intent of the system is to hail, warn, deter, and dissuade vehicle operators from encroaching restricted security zones with sufficient stand-off distance. This will provide Marines time to determine intent and to acquire, engage and defeat a threat beyond the causality radius of a vehicle-born improvised explosive device.



**Non-Lethal/Tube Launched Mmunition System (NL/TLMS)**

*Official Department of Defense Photo*

## **System Characteristics:**

- Smoke/flash-bang rounds/visible out to 600 meters (day/night)
- Thirty rounds loaded in three ammunition cassettes
- Mounts to gun turret on armored vehicles (HMMWV & MRAP)
- Mounts on vehicles with M240, M2 or MK19
- Three elevations
- Rate of fire: 10 rounds/5 seconds
- Vehicle and battery powered

*Today's complex missions highlight the need to equip our troops with non-lethal weapons.*

