



# MK-45 Naval Guns

## Why in News

The United States of America has approved the sale of thirteen MK-45 naval guns and related equipment to India.

- The MK-45 (MOD 4) naval gun system will provide the capability to conduct **surface warfare** and **air defence missions** while enhancing **interoperability with the US and other allied forces**.
  - It can also be used to **protect and support ground forces and control inland areas**.
- It has a **range of more than 20 nautical miles or 36 km**.
- India has become one of the **few countries that the US decided to sell** the latest version (MOD 4) of its naval guns.
  - The **other countries** are **Australia, Japan, Thailand, and South Korea**.
- It can be noted that the [USA has recently signed a number of defence related pacts with India, namely:](#)
  - **General Security Of Military Information Agreement (GSOMIA)**
    - It allows militaries of both the countries to share the intelligence gathered by them.
  - **Logistics Exchange Memorandum of Agreement (LEMOA)**
    - It allows both countries to have access to each other's designated military facilities for refuelling and replenishment.
  - **Communications and Information Security Memorandum of Agreement (CISMOA)**
    - It aims to provide a legal framework for the transfer of highly sensitive communication security equipment from the US to India.
  - **Basic Exchange and Cooperation Agreement (BECA)**
    - BECA will allow India and US to share geospatial and satellite data with each other.

[Source:TH](#)

PDF Reference URL: <https://www.drishtiias.com/printpdf/mk-45-naval-guns>